

FINAL REPORT  
AMBIENT ASBESTOS CONCENTRATIONS  
IN CALIFORNIA  
FIELD NUMBER AND MASS CONCENTRATION SUMMARIES  
Volume II

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KEY TO FIBER NUMBER AND MASS CONCENTRATION SUMMARIES

## KEY TO FIBER NUMBER AND MASS CONCENTRATION SUMMARIES

### Sample Preparation and Analysis Parameters:

Total Area Scanned	=	Number of fields observed x area of one grid hole of a mesh copper grid (2401 $\mu\text{m}^2$ ).
Total Area of Filter	=	Effective area ( $\text{cm}^2$ ) of the 47-mm diameter Nuclepore <sup>®</sup> membrane filter.
Area of TEM membrane	=	The area of the Nuclepore <sup>®</sup> membrane used for sample dissolution and analysis by transmission electron microscopy (TEM). In the analyses performed in this study, the original collection filter and the TEM membrane filter areas are the same.
Total Volume of Air	=	Volume ( $\text{m}^3$ ) of air collected during sampling
Total Fibers Counted	=	Total fibers of any kind observed in the analysis of a sample.

### Definition of Fiber Categories:

Chrysotile	=	Fibers which give the characteristic morphology and selected area electron diffraction (SAED) pattern of chrysotile asbestos.
Amphibole	=	Fibers which display the characteristic morphology and SAED pattern of amphibole asbestos. Other forms such as chrocidolite and amosite are not differentiated.
Ambiguous	=	All fibers which cannot positively be identified or excluded from being asbestos due to an unclear image or SAED pattern, resulting from matrix effects or interference from other particles in the sample.
Non-Asbestos	=	All fibers which have an aspect (length-to-width) ratio of greater than 3:1, but which do not exhibit the typical morphology and/or the correct SAED pattern for true asbestos mineral fibers.

### Fiber Measurement Parameters:

Fiber Concentration (fibers per cu meter of air)	=	Based on fiber counts per unit volume of filtered air, this is the standard U.S. Environmental Protection Agency reporting format for the concentration of asbestos fibers.
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KEY (continued)

Fiber Measurement Parameters (continued):

Total Surface Area  
(Sq  $\mu\text{m}$  per cu meter of air) = Total particle surface area per cubic meter of air for all fibers in each category, assuming cylindrical shape. Total surface area = number of fibers x average fiber surface area; fiber surface area =  $2\pi r(1 + r)$ , where  $r$  = radius and  $l$  = length.

Mass Concentration  
(pgrams per cu meter of air) = Particle mass concentration (picograms/ $\text{m}^3$  air), assuming cylindrical shaped fibers and densities of 2.60 and 3.00  $\text{g}/\text{cm}^3$  for chrysotile and amphibole, respectively.

Mass concentration = average fiber volume x number of fibers (in each category) x appropriate fiber density; fiber volume =  $\pi r^2 l$ , where  $r$  = radius and  $l$  = length.

1.0 KING CITY

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A13

King City

9/21/81  
(upwind)

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.703000 CUBIC METERS  
TOTAL FIBERS COUNTED = 87.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	60.0	0.0	18.0	9.0	87.0
PERCENT TOTAL FIBERS	68.966%	0.000%	20.690%	10.345%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.2470E+05	0.0000E+00	1.5743E+05	7.0717E+04	7.6093E+05
(FIBERS PER CU METER OF AIR)	1.4172E+05	0.0000E+00	4.2515E+04	2.1250E+04	2.0549E+05
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.4819E+05	0.0000E+00	7.1514E+04	7.6765E+04	0.0000E+00
(SQ µM PER CU METER OF AIR)	4.0010E+04	0.0000E+00	1.9313E+04	2.0731E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.2526E+04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	3.3026E+03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 0.9017 STD DEV 0.6747 MEAN LOG -0.2072 GEOM MN 0.7504 COEF VAR 0.7663	0.0000 0.0000 0.0000 0.0000 0.0000	1.2309 0.0648 0.0291 1.0295 0.7905	1.6444 0.7932 0.3557 1.4271 0.7498	1.0483 0.7700 -0.1552 0.0562 0.0400
DIAMETER µm	MEAN 0.0867 STD DEV 0.0562 MEAN LOG -2.6209 GEOM MN 0.0727 COEF VAR 0.7890	0.0000 0.0000 0.0000 0.0000 0.0000	0.1139 0.0614 -2.3551 0.0949 0.9157	0.1611 0.0614 -1.9247 0.1459 0.6249	0.1000 0.0624 -2.493P 0.082C 0.0729
AREA SQ µm	MEAN 0.2024 STD DEV 0.3258 MEAN LOG -1.7059 GEOM MN 0.1816 COEF VAR 1.4893	0.0000 0.0000 0.0000 0.0000 0.0000	0.4542 0.3197 -1.1230 0.3230 1.4648	0.9752 0.6467 -0.3699 0.6908 1.5767	0.3896 0.4265 -1.4473 0.2352 1.7489
VOLUME CU µm	MEAN 0.0092 STD DEV 0.0200 MEAN LOG -5.7705 GEOM MN 0.0031 COEF VAR 3.1155	0.0000 0.0000 0.0000 0.0000 0.0000	0.0157 0.0161 -4.9226 0.0073 3.2816	0.0455 0.0370 -3.7353 0.0239 3.0694	0.0143 0.0243 -5.3043 0.0046 3.7039

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A13

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.703000 CUBIC METERS  
TOTAL FIBERS COUNTED = 87.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	60.0	0.0	60.0
PERCENT TOTAL FIBERS	68.966%	0.000%	68.966%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.2478E+05	0.0000E+00	5.2478E+05
(FIBERS PER CU METER OF AIR)	1.4172E+05	0.0000E+00	1.4172E+05
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.4819E+05	0.0000E+00	1.4819E+05
(SQ µM PER CU METER OF AIR)	4.0018E+04	0.0000E+00	4.0018E+04
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.2526E+04	0.0000E+00	1.2526E+04
(PGRAMS PER CU METER OF AIR)	3.3826E+03	0.0000E+00	3.3826E+03
LENGTH µM	MEAN 0.9017	0.0000	0.9017
	STD DEV 0.6747	0.0000	0.6747
	MEAN LOG -0.2072	0.0000	-0.2072
	GEOM MN 0.7504	0.0000	0.7504
	COEF VAR 0.7663	0.0000	0.7663
DIAMETER µm	MEAN 0.0067	0.0000	0.0067
	STD DEV 0.0562	0.0000	0.0562
	MEAN LOG -2.6209	0.0000	-2.6209
	GEOM MN 0.0727	0.0000	0.0727
	COEF VAR 0.7090	0.0000	0.7090
AREA SQ µm	MEAN 0.2024	0.0000	0.2024
	STD DEV 0.3258	0.0000	0.3258
	MEAN LOG -1.7059	0.0000	-1.7059
	GEOM MN 0.1816	0.0000	0.1816
	COEF VAR 1.4893	0.0000	1.4893
VOLUME CUB µm	MEAN 0.0092	0.0000	0.0092
	STD DEV 0.0260	0.0000	0.0260
	MEAN LOG -5.7705	0.0000	-5.7705
	GEOM MN 0.0031	0.0000	0.0031
	COEF VAR 3.1155	0.0000	3.1155

SAI SAMPLE ID: A14

King City

9/21/81

(downwind)

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 21.0 FIBERS

	CHRYSOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	4.0	0.0	13.0	4.0	21.0
PERCENT TOTAL FIBERS	19.048%	0.000%	61.905%	19.048%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	3.4985E+04	0.0000E+00	1.1370E+05	3.4985E+04	1.8367E+05
(FIBERS PER CU METER OF AIR)	9.4047E+03	0.0000E+00	3.0565E+04	9.4047E+03	4.9375E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	6.9436E+03	0.0000E+00	4.4701E+04	4.9769E+04	0.0000E+00
(SQ µM PER CUB METER OF AIR)	1.0665E+03	0.0000E+00	1.2030E+04	1.3379E+04	0.0000E+00
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	4.8330E+02	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(PGRAMS PER CU METER OF AIR)	1.2992E+02	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 0.5500 STD DEV 0.2062 MEAN LOG -0.6750 GEOM MN 0.5091 COEF VAR 0.4935	0.0000 0.0000 0.0000 0.0000 0.0000	0.7462 0.3120 -0.3656 0.6937 0.4440	1.6250 1.6604 0.0700 1.0725 1.2942	0.8762 0.8552 -0.3416 0.7106 0.7203
DIAMETER µm	MEAN 0.6950 STD DEV 0.0364 MEAN LOG -2.4393 GEOM MN 0.0880 COEF VAR 0.4869	0.0000 0.0000 0.0000 0.0000 0.0000	0.1346 0.0644 -2.1037 0.1220 0.5362	0.2125 0.0545 -1.5800 0.2060 0.2800	0.1419 0.0692 -2.0662 0.1267 0.6100
AREA SQ µm	MEAN 0.1985 STD DEV 0.1245 MEAN LOG -1.8761 GEOM MN 0.1532 COEF VAR 1.1618	0.0000 0.0000 0.0000 0.0000 0.0000	0.3938 0.3415 -1.2368 0.2903 1.1025	1.4226 1.7096 -0.2597 0.7713 1.7441	0.5526 0.9031 -1.1725 0.3096 1.5808
VOLUME CU µm	MEAN 0.0053 STD DEV 0.0046 MEAN LOG -5.7772 GEOM MN 0.0031 COEF VAR 2.1820	0.0000 0.0000 0.0000 0.0000 0.0000	0.0166 0.0221 -4.8146 0.0081 2.1518	0.0920 0.1301 -3.3316 0.0357 2.5953	0.0290 0.0671 -4.7155 0.0090 3.0675

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A14

TOTAL AREA SCANNED = 144060.00 SQ.µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 21.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	4.0	0.0	4.0
PERCENT TOTAL FIBERS	19.040%	0.000%	19.040%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	3.4905E+04	0.0000E+00	3.4905E+04
(FIBERS PER CU. METER OF AIR)	9.4047E+03	0.0000E+00	9.4047E+03
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	6.9436E+03	0.0000E+00	6.9436E+03
(SQ µM PER CU. METER OF AIR)	1.8665E+03	0.0000E+00	1.8665E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	4.0330E+02	0.0000E+00	4.0330E+02
(GRAMS PER CU. METER OF AIR)	1.2992E+02	0.0000E+00	1.2992E+02
LENGTH µm	MEAN 0.5500 STD DEV 0.2062 MEAN LOG -0.6750 GEOM MN 0.5091 COEF VAR 0.4935	0.0000 0.0000 0.0000 0.0000 0.0000	0.5500 0.2062 -0.6750 0.5091 0.4935
DIAMETER µm	MEAN 0.0950 STD DEV 0.0364 MEAN LOG -2.4303 GEOM MN 0.0000 COEF VAR 0.4869	0.0000 0.0000 0.0000 0.0000 0.0000	0.0950 0.0364 -2.4303 0.0000 0.4869
AREA SQ µm	MEAN 0.1985 STD DEV 0.1245 MEAN LOG -1.0761 GEOM MN 0.1532 COEF VAR 1.1618	0.0000 0.0000 0.0000 0.0000 0.0000	0.1985 0.1245 -1.0761 0.1532 1.1618
VOLUME CUB µm	MEAN 0.0053 STD DEV 0.0046 MEAN LOG -5.7772 GEOM MN 0.0031 COEF VAR 2.1020	0.0000 0.0000 0.0000 0.0000 0.0000	0.0053 0.0046 -5.7772 0.0031 2.1020

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A15

King City  
 9/21/81  
 (upwind)

TOTAL AREA SCANNED = 144060.00 SQ μM  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 7.0 FIBERS

	CHRYCOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	2.0	0.0	3.0	2.0	7.0
PERCENT TOTAL FIBERS	28.571%	0.000%	42.857%	28.571%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	0.0000E+00	2.6239E+04	1.7493E+04	6.1224E+04
(FIBERS PER CU METER OF AIR)	4.7023E+03	0.0000E+00	7.0535E+03	4.7023E+03	1.6450E+04
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	2.0993E+03	0.0000E+00	9.7875E+03	1.8135E+04	0.0000E+00
(SQ μm PER CU METER OF AIR)	5.6432E+02	0.0000E+00	2.6310E+03	4.0750E+03	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	2.7148E+01	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	7.2973E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH μm	1.9000	0.0000	0.0667	1.5500	1.3571
STD DEV	1.3000	0.0000	0.2494	0.0500	0.0415
MEAN LOG	0.3262	0.0000	-0.1839	0.4372	0.1394
GEOM MN	1.3856	0.0000	0.0320	1.5492	1.1496
COEF VAR	1.3094	0.0000	0.3209	0.0328	0.7533
DIAMETER μm	0.0200	0.0000	0.1267	0.2000	0.1171
STD DEV	0.0000	0.0000	0.0525	0.0000	0.0767
MEAN LOG	-3.9120	0.0000	-2.1459	-1.6094	-2.4722
GEOM MN	0.0200	0.0000	0.1170	0.2000	0.0823
COEF VAR	0.0000	0.0000	0.4772	0.0000	1.6030
AREA SQ μm	0.1200	0.0000	0.3730	1.0367	0.4904
STD DEV	0.0817	0.0000	0.1658	0.0314	0.3799
MEAN LOG	-2.4313	0.0000	-1.1107	0.0356	-1.1605
GEOM MN	0.0879	0.0000	0.3293	1.0362	0.3133
COEF VAR	1.2940	0.0000	0.6958	0.0308	1.9741
VOLUME CUB μm	0.0006	0.0000	0.0125	0.0487	0.0195
STD DEV	0.0004	0.0000	0.0093	0.0016	0.0201
MEAN LOG	-7.7394	0.0000	-4.7173	-3.0227	-5.0966
GEOM MN	0.0004	0.0000	0.0089	0.0487	0.0061
COEF VAR	1.3094	0.0000	1.3783	0.0328	6.0392

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 7.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	2.0	0.0	2.0
PERCENT TOTAL FIBERS	28.571%	0.000%	28.571%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	0.0000E+00	1.7493E+04
(FIBERS PER CU METER OF AIR)	4.7023E+03	0.0000E+00	4.7023E+03
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	2.0993E+03	0.0000E+00	2.0993E+03
(SQ µM PER CU METER OF AIR)	5.6432E+02	0.0000E+00	5.6432E+02
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	2.7148E+01	0.0000E+00	2.7148E+01
(GRAMS PER CU METER OF AIR)	7.2970E+00	0.0000E+00	7.2970E+00
LENGTH µM	1.9000	0.0000	1.9000
MEAN	1.3000	0.0000	1.3000
STD DEV	0.3262	0.0000	0.3262
MEAN LOG	1.3856	0.0000	1.3856
GEOM MN	1.3094	0.0000	1.3094
COEF VAR	0.0200	0.0000	0.0200
DIAMETER µM	0.0200	0.0000	0.0200
MEAN	0.0000	0.0000	0.0000
STD DEV	-3.9120	0.0000	-3.9120
MEAN LOG	0.0200	0.0000	0.0200
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.1200	0.0000	0.1200
AREA SQ µM	0.0817	0.0000	0.0817
MEAN LOG	-2.4313	0.0000	-2.4313
GEOM MN	0.0879	0.0000	0.0879
COEF VAR	1.2940	0.0000	1.2940
VOLUME CUB µM	0.0006	0.0000	0.0006
MEAN LOG	0.0004	0.0000	0.0004
GEOM MN	-7.7394	0.0000	-7.7394
COEF VAR	0.0004	0.0000	0.0004
	1.3094	0.0000	1.3094

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A16

King City

9/21/31  
(downwind)

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.704600 CUBIC METERS  
TOTAL FIBERS COUNTED = 4.0 FIBERS

	CHRYCOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	0.0	3.0	0.0	4.0
PERCENT TOTAL FIBERS	25.000%	0.000%	75.000%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.7464E+03	0.0000E+00	2.6239E+04	0.0000E+00	3.4985E+04
(FIBERS PER CU METER OF AIR)	2.3613E+03	0.0000E+00	7.0040E+03	0.0000E+00	9.4453E+03
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	6.4916E+05	0.0000E+00	2.4406E+04	0.0000E+00	0.0000E+00
(SQ µM PER CU METER OF AIR)	1.7526E+05	0.0000E+00	6.5890E+03	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	6.0279E+05	0.0000E+00			
(GRAMS PER CU METER OF AIR)	1.6274E+05	0.0000E+00			
LENGTH µM	MEAN 15.0000	0.0000	1.2333	0.0000	4.6750
	STD DEV 0.0000	0.0000	0.3091	0.0000	5.9671
	MEAN LOG 2.7081	0.0000	0.1729	0.0000	0.8067
	GEOM MN 15.0000	0.0000	1.1808	0.0000	2.2405
	COEF VAR 0.0000	0.0000	0.3251	0.0000	2.0706
DIAMETER µm	MEAN 1.5000	0.0000	0.2067	0.0000	0.5300
	STD DEV 0.0000	0.0000	0.1552	0.0000	0.5759
	MEAN LOG 0.4055	0.0000	-2.1459	0.0000	-1.5041
	GEOM MN 1.5000	0.0000	0.1170	0.0000	0.2213
	COEF VAR 0.0000	0.0000	2.5984	0.0000	3.7843
AREA SQ µm	MEAN 74.2201	0.0000	0.9301	0.0000	19.2526
	STD DEV 0.0000	0.0000	0.8748	0.0000	31.7445
	MEAN LOG 4.3070	0.0000	-0.7449	0.0000	0.5181
	GEOM MN 74.2201	0.0000	0.4748	0.0000	1.6780
	COEF VAR 0.0000	0.0000	2.6885	0.0000	10.7322
VOLUME CU µm	MEAN 26.5072	0.0000	0.0714	0.0000	6.6803
	STD DEV 0.0000	0.0000	0.0034	0.0000	11.4473
	MEAN LOG 3.2774	0.0000	-4.3605	0.0000	-2.4510
	GEOM MN 26.5072	0.0000	0.0128	0.0000	0.8862
	COEF VAR 0.0000	0.0000	11.4291	0.0000	51.5872

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A16

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.704000 CUBIC METERS  
TOTAL FIBERS COUNTED = 4.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	0.0	1.0	1.0
PERCENT TOTAL FIBERS	0.000%	25.000%	25.000%
<b>FIBER CONCENTRATION</b>			
(FIBERS PER SQ CM OF FILTER)	0.00000E+00	0.7464E+03	0.7464E+03
(FIBERS PER CU. METER OF AIR)	0.00000E+00	2.3613E+03	2.3613E+03
<b>TOTAL SURFACE AREA</b>			
(SQ µM PER SQ CM OF FILTER)	0.00000E+00	6.4916E+05	6.4916E+05
(SQ µM PER CU. METER OF AIR)	0.00000E+00	1.7526E+05	1.7526E+05
<b>MASS CONCENTRATION</b>			
(PGRAMS PER SQ CM OF FILTER)	0.00000E+00	6.0279E+05	6.0279E+05
(PGRAMS PER CU. METER OF AIR)	0.00000E+00	1.6274E+05	1.6274E+05
<b>LENGTH µm</b>			
MEAN	0.0000	15.0000	15.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	2.7081	2.7081
GEOM MN	0.0000	15.0000	15.0000
COEF VAR	0.0000	0.0000	0.0000
<b>DIAMETER µm</b>			
MEAN	0.0000	1.5000	1.5000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.4055	0.4055
GEOM MN	0.0000	1.5000	1.5000
COEF VAR	0.0000	0.0000	0.0000
<b>AREA SQ µm</b>			
MEAN	0.0000	74.2201	74.2201
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	4.3070	4.3070
GEOM MN	0.0000	74.2201	74.2201
COEF VAR	0.0000	0.0000	0.0000
<b>VOLUME CU µm</b>			
MEAN	0.0000	26.5072	26.5072
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	3.2774	3.2774
GEOM MN	0.0000	26.5072	26.5072
COEF VAR	0.0000	0.0000	0.0000

SAI SAMPLE ID: SEDIUP

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

KING CITY  
UPWIND SEDIMENT

TOTAL AREA SCANNED = 96040.00 SQ.µM  
TOTAL AREA OF FILTER = 2.140 SQ. CM

AREA OF TEM MEMBRANE = 2.14 SQ. CM  
TOTAL SEDIMENT = 5.740000 GRAMS  
TOTAL FIBERS COUNTED = 54.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	31.0	1.0	16.0	6.0	54.0
PERCENT TOTAL FIBERS	57.407%	1.852%	29.630%	11.111%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ. CM OF FILTER)	6.9075E+04	2.2282E+03	3.5652E+04	1.3369E+04	1.2032E+05
(FIBERS PER GRAM SEDIMENT)	9.6272E+06	3.1056E+05	4.9689E+06	1.8633E+06	1.6770E+07
TOTAL SURFACE AREA (SQ. µM PER SQ. CM OF FILTER)	5.2696E+04	2.1876E+04	1.2310E+04	3.6676E+04	0.0000E+00
(SQ. µM PER GRAM SEDIMENT)	7.3443E+06	3.0489E+06	1.7157E+06	7.8991E+06	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ. CM OF FILTER)	6.8688E+03	7.8752E+03			
(GRAMS PER GRAM SEDIMENT)	9.5732E+05	1.0976E+06			
LENGTH µM	MEAN 1.6742 STD DEV 2.1236 MEAN LOG 0.1155 GEOM MN 1.1225 COEF VAR 1.2598	6.0000 0.0000 1.7918 6.0000 0.0000	1.0750 0.7067 -0.1422 0.0674 0.9555	2.0000 1.3687 0.5275 1.0947 0.6961	1.6130 1.8455 0.1160 1.1230 1.2206
DIAMETER µm	MEAN 0.0884 STD DEV 0.0512 MEAN LOG -2.5339 GEOM MN 0.0793 COEF VAR 0.5282	0.5000 0.0000 -0.6931 0.5000 0.0000	0.0931 0.6550 -2.5129 0.0810 0.6686	0.4233 0.2947 -1.1317 0.3225 1.1667	0.1346 0.1606 -2.3778 0.0965 1.0141
AREA SQ. µm	MEAN 0.7629 STD DEV 2.0068 MEAN LOG -1.2310 GEOM MN 0.2920 COEF VAR 2.0097	9.0175 0.0000 2.2842 9.8175 0.0000	0.3453 0.2785 -1.4547 0.2335 1.6264	4.2392 5.9016 0.6395 1.0956 2.5520	1.1931 2.9887 -1.0243 0.3590 2.7420
VOLUME CU µm	MEAN 0.0302 STD DEV 0.1492 MEAN LOG -5.1939 GEOM MN 0.0056 COEF VAR 3.4017	1.1781 0.0000 0.1639 1.1781 0.0000	0.0105 0.0152 -5.4096 0.0045 3.0608	0.7752 1.4142 -1.9774 0.1384 6.4413	0.1330 0.5574 -4.8012 0.0082 6.0002

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

KING CITY  
UPWIND SEDIMENT

TOTAL AREA SCANNED = 96040.00 SQ µM  
TOTAL AREA OF FILTER = 2.140 SQ CM

AREA OF TEM MEMBRANE = 2.14 SQ CM  
TOTAL SEDIMENT = 5.740000 GRAMS  
TOTAL FIBERS COUNTED = 54.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	30.0	1.0	31.0
PERCENT TOTAL FIBERS	55.556%	1.852%	57.407%
FIBER CONCENTRATION			
(FIBERS PER SQ CM OF FILTER)	6.6847E+04	2.2282E+03	6.9075E+04
(FIBERS PER GRAM SEDIMENT)	9.3167E+06	3.1056E+05	9.6272E+06
TOTAL SURFACE AREA			
(SQ µM PER SQ CM OF FILTER)	2.7180E+04	2.5516E+04	5.2696E+04
(SQ µM PER GRAM SEDIMENT)	3.7881E+06	3.6562E+06	7.3443E+06
MASS CONCENTRATION			
(GRAMS PER SQ CM OF FILTER)	1.9546E+03	4.9142E+03	6.8688E+03
(GRAMS PER GRAM SEDIMENT)	2.7243E+05	6.8490E+05	9.5732E+05
LENGTH µM			
MEAN	1.3300	12.0000	1.6742
STD DEV	0.9937	0.0000	2.1236
MEAN LOG	0.0366	2.4849	0.1155
GEOM MN	1.0372	12.0000	1.1225
COEF VAR	1.0187	0.0000	1.2598
DIAMETER µM			
MEAN	0.0813	0.3000	0.6884
STD DEV	0.0341	0.0000	0.0512
MEAN LOG	-2.5782	-1.2040	-2.5339
GEOM MN	0.0759	0.3000	0.0793
COEF VAR	0.4240	0.0000	0.5282
AREA SQ µM			
MEAN	0.4066	11.4511	0.7629
STD DEV	0.4759	0.0000	2.0068
MEAN LOG	-1.3533	2.4381	-1.2310
GEOM MN	0.2584	11.4511	0.2920
COEF VAR	1.4333	0.0000	2.0097
VOLUME µM			
MEAN	0.0112	0.8482	0.6382
STD DEV	0.0205	0.0000	0.1492
MEAN LOG	-5.3615	-0.1646	-5.1939
GEOM MN	0.0047	0.8482	0.6056
COEF VAR	2.2625	0.0000	3.4017

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: SED2DN

KING CITY  
DOWNWIND SEDIMENT

TOTAL AREA SCANNED = 16897.00 SQ μM  
TOTAL AREA OF FILTER = 2.140 SQ CM

AREA OF TEM MEMBRANE = 2.14 SQ CM  
TOTAL SEDIMENT = 13.880000 GRAMS  
TOTAL FIBERS COUNTED = 50.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NO PATTERN	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	40.0	0.0	10.0	0.0	0.0	50.0
PERCENT TOTAL FIBERS	80.000%	0.000%	20.000%	0.000%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.0931E+05	0.0000E+00	1.2733E+05	0.0000E+00	0.0000E+00	6.3664E+05
(FIBERS PER GRAM SEDIMENT)	2.9355E+07	0.0000E+00	7.3388E+06	0.0000E+00	0.0000E+00	3.6694E+07
TOTAL SURFACE AREA (SQ μM PER SQ CM OF FILTER)	3.9517E+05	0.0000E+00	2.7047E+04	0.0000E+00	0.0000E+00	0.0000E+00
(SQ μM PER GRAM SEDIMENT)	2.2777E+07	0.0000E+00	1.5589E+06	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	3.5130E+04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER GRAM SEDIMENT)	2.0240E+06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH μM	MEAN 2.3900	0.0000	0.6900	0.0000	0.0000	2.0500
	STD DEV 2.4635	0.0000	0.3618	0.0000	0.0000	2.3116
	MEAN LOG 0.4726	0.0000	-0.5220	0.0000	0.0000	0.2737
	GEOM MN 1.6041	0.0000	0.5933	0.0000	0.0000	1.3148
	COEF VAR 1.3895	0.0000	0.7526	0.0000	0.0000	1.4846
DIAMETER μM	MEAN 0.0828	0.0000	0.0870	0.0000	0.0000	0.0836
	STD DEV 0.0504	0.0000	0.0162	0.0000	0.0000	0.0527
	MEAN LOG -2.6571	0.0000	-2.4627	0.0000	0.0000	-2.6182
	GEOM MN 0.0702	0.0000	0.0852	0.0000	0.0000	0.0729
	COEF VAR 0.7162	0.0000	0.2398	0.0000	0.0000	0.6465
AREA SQ μM	MEAN 0.7759	0.0000	0.2124	0.0000	0.0000	0.6632
	STD DEV 1.1140	0.0000	0.1228	0.0000	0.0000	1.0230
	MEAN LOG -1.0102	0.0000	-1.7645	0.0000	0.0000	-1.1611
	GEOM MN 0.3641	0.0000	0.1713	0.0000	0.0000	0.3132
	COEF VAR 2.2622	0.0000	1.0146	0.0000	0.0000	2.1377
VOLUME CU μM	MEAN 0.0265	0.0000	0.0047	0.0000	0.0000	0.0222
	STD DEV 0.0561	0.0000	0.0031	0.0000	0.0000	0.0509
	MEAN LOG -5.0832	0.0000	-5.6891	0.0000	0.0000	-5.2044
	GEOM MN 0.0062	0.0000	0.0034	0.0000	0.0000	0.0055
	COEF VAR 4.1184	0.0000	1.4856	0.0000	0.0000	3.6432

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: SED2DN

KING CITY  
DOWNWIND SEDIMENT

TOTAL AREA SCANNED = 16807.00 SQ µM  
TOTAL AREA OF FILTER = 2.140 SQ CM  
TOTAL AREA A JED = 2.140 SQ CM

TOTAL SEDIMENT = 13.880000 GRAMS  
TOTAL FIBERS COUNTED = 50.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	36.0	4.0	40.0
PERCENT TOTAL FIBERS	72.000%	8.000%	80.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	4.5838E+05	5.0931E+04	5.0931E+05
(FIBERS PER GRAM SEDIMENT)	2.6420E+07	2.9355E+06	2.9355E+07
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	2.2394E+05	1.7123E+05	3.9517E+05
(SQ µM PER GRAM SEDIMENT)	1.2907E+07	9.8694E+06	2.2777E+07
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	2.1181E+04	1.3949E+04	3.5130E+04
(GRAMS PER GRAM SEDIMENT)	1.2200E+06	8.0400E+05	2.0248E+06
LENGTH µM	MEAN 1.6556	9.0000	2.3900
STD DEV 1.0874	1.2247	2.4635	2.4635
MEAN LOG 0.2821	2.1871	0.4726	0.4726
GEOM MN 1.3259	8.9091	1.6041	1.6041
COEF VAR 0.9963	0.1569	1.3895	1.3895
DIAMETER µM	MEAN 0.0786	0.1200	0.0828
STD DEV 0.0592	0.0368	0.0584	0.0584
MEAN LOG -2.7128	-2.1556	-2.6571	-2.6571
GEOM MN 0.0664	0.1158	0.0702	0.0702
COEF VAR 0.7054	0.3103	0.7162	0.7162
AREA SQ µM	MEAN 0.4885	3.3621	0.7759
STD DEV 0.6876	0.8505	1.1140	1.1140
MEAN LOG -1.2539	1.1831	-1.0102	-1.0102
GEOM MN 0.2854	3.2644	0.3641	0.3641
COEF VAR 1.6547	0.2684	2.2622	2.2622
VOLUME CU µM	MEAN 0.0178	0.1053	0.0265
STD DEV 0.0496	0.0492	0.0561	0.0561
MEAN LOG -5.3051	-2.3658	-5.0832	-5.0832
GEOM MN 0.0046	0.0939	0.0062	0.0062
COEF VAR 3.1489	0.6267	4.1184	4.1184

## 2.0 SAN JOSE

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 115260.00 SQ μm  
 TOTAL AREA OF FILTER = 12.600 SQ CM  
 AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.720600 CURIC METERS  
 TOTAL FIBERS COUNTED = 39.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	7.0	1.0	10.0	21.0	39.0
PERCENT TOTAL FIBERS	17.949%	2.564%	25.641%	53.846%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU METER OF AIR)	7.6523E+04 2.0571E+04	1.0932E+04 2.9307E+03	1.0932E+05 2.9307E+04	2.2957E+05 6.1712E+04	4.2634E+05 1.1461E+05
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER) (SQ μm PER CU METER OF AIR)	7.1046E+04 1.9090E+04	6.4291E+03 1.7202E+03	5.7507E+05 1.5440E+05	2.0361E+05 7.6230E+04	0.0000E+00 0.0000E+00
MASS CONCENTRATION (CGRAMS PER SQ CM OF FILTER) (CGRAMS PER CU METER OF AIR)	1.4702E+04 3.9522E+03	5.5636E+02 1.4956E+02			
LENGTH μm	MEAN 1.1857 STD DEV 0.7809 NEAN LOG -0.0559 GEOM MN 0.9456 COEF VAR 0.9747	MEAN 1.5000 STD DEV 0.0000 NEAN LOG 0.4055 GEOM MN 1.5000 COEF VAR 0.0000	MEAN 1.0900 STD DEV 2.4806 NEAN LOG 0.1248 GEOM MN 1.1329 COEF VAR 1.4300	MEAN 1.0571 STD DEV 1.1664 NEAN LOG 0.4207 GEOM MN 1.5353 COEF VAR 0.0604	MEAN 1.7359 STD DEV 1.5811 NEAN LOG 0.2632 GEOM MN 1.3011 COEF VAR 1.0750
DIAMETER μm	MEAN 0.1571 STD DEV 0.1561 NEAN LOG -2.3495 GEOM MN 0.0954 COEF VAR 1.7716	MEAN 0.1200 STD DEV 0.0000 NEAN LOG -2.1203 GEOM MN 0.1200 COEF VAR 0.0000	MEAN 0.3090 STD DEV 0.4150 NEAN LOG -1.7545 GEOM MN 1.7403	MEAN 0.1967 STD DEV 0.0909 NEAN LOG -1.7627 GEOM MN 0.1716 COEF VAR 0.7796	MEAN 0.2164 STD DEV 0.2376 NEAN LOG -1.0751 GEOM MN 0.1533 COEF VAR 1.2709
AREA SQ μm	MEAN 0.9204 STD DEV 1.1953 NEAN LOG -1.2044 GEOM MN 0.2999 COEF VAR 4.3510	MEAN 0.5001 STD DEV 0.0000 NEAN LOG -0.5308 GEOM MN 0.5001 COEF VAR 0.0000	MEAN 5.2678 STD DEV 13.5926 NEAN LOG -0.3953 GEOM MN 0.6734 COEF VAR 4.6137	MEAN 1.2354 STD DEV 1.0474 NEAN LOG -0.1212 GEOM MN 0.0859 COEF VAR 1.2764	MEAN 2.1977 STD DEV 7.1750 NEAN LOG -0.3964 GEOM MN 0.6727 COEF VAR 2.8124
VOLUME CU μm	MEAN 0.0739 STD DEV 0.1330 NEAN LOG -4.9965 GEOM MN 0.0068 COEF VAR 13.3497	MEAN 0.0170 STD DEV 0.0000 NEAN LOG -4.0766 GEOM MN 0.0170 COEF VAR 0.0000	MEAN 1.6412 STD DEV 4.7557 NEAN LOG -3.6258 GEOM MN 0.0266 COEF VAR 13.4730	MEAN 0.0748 STD DEV 0.0907 NEAN LOG -3.3302 GEOM MN 0.0355 COEF VAR 2.6266	MEAN 0.4740 STD DEV 2.5052 NEAN LOG -3.7285 GEOM MN 0.0240 COEF VAR 7.0977

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A17

TOTAL AREA SCANNED = 115260.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.729000 CUDIC METERS  
TOTAL FIBERS COUNTED = 39.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	7.0	0.0	7.0
PERCENT TOTAL FIBERS	17.949%	0.000%	17.949%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	7.6523E+04	0.0000E+00	7.6523E+04
(FIBERS PER CU METER OF AIR)	2.0571E+04	0.0000E+00	2.0571E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	7.1046E+04	0.0000E+00	7.1046E+04
(SQ µm PER CU METER OF AIR)	1.9098E+04	0.0000E+00	1.9098E+04
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.4702E+04	0.0000E+00	1.4702E+04
(PGRAMS PER CU METER OF AIR)	3.9522E+03	0.0000E+00	3.9522E+03
LENGTH µm	1.1857	0.0000	1.1857
MEAN	0.7009	0.0000	0.7009
STD DEV	-0.0559	0.0000	-0.0559
MEAN LOG	0.9456	0.0000	0.9456
GEOM MN	0.9747	0.0000	0.9747
COEF VAR			
DIAMETER µm	0.1571	0.0000	0.1571
MEAN	0.1561	0.0000	0.1561
STD DEV	-2.3495	0.0000	-2.3495
MEAN LOG	0.0954	0.0000	0.0954
GEOM MN	1.7716	0.0000	1.7716
COEF VAR			
AREA SQ µm	0.9204	0.0000	0.9204
MEAN	1.1953	0.0000	1.1953
STD DEV	-1.2044	0.0000	-1.2044
MEAN LOG	0.2999	0.0000	0.2999
GEOM MN	4.3510	0.0000	4.3510
COEF VAR			
VOLUME CU µm	0.0739	0.0000	0.0739
MEAN	0.1330	0.0000	0.1330
STD DEV	-4.9965	0.0000	-4.9965
MEAN LOG	0.0068	0.0000	0.0068
GEOM MN	13.3497	0.0000	13.3497
COEF VAR			

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A18

San Jose

9/22/81

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.737000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 14.0 FIBERS

	CHRYSOTILE	AMPHIBOLE	AMBIGUOUS	NO PATTERN	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	6.0	4.0	3.0	0.0	1.0	14.0
PERCENT TOTAL FIBERS	42.857%	28.571%	21.429%	0.000%	7.143%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.2478E+04	3.4985E+04	2.6239E+04	0.0000E+00	0.7464E+03	1.2245E+05
(FIBERS PER CU METER OF AIR)	1.4043E+04	9.3619E+03	7.0214E+03	0.0000E+00	2.3405E+03	3.2767E+04
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	7.0102E+04	1.7792E+04	1.0374E+04	0.0000E+00	5.6329E+03	0.0000E+00
(SQ $\mu$ M PER CU METER OF AIR)	1.8759E+04	4.7610E+03	4.9168E+03	0.0000E+00	1.5073E+03	0.0000E+00
MASS CONCENTRATION (COGRAMS PER SQ CM OF FILTER)	1.5257E+04	2.8697E+03				
(COGRAMS PER CU METER OF AIR)	4.0027E+03	7.6791E+02				
LENGTH $\mu$ M	MEAN 1.5500 STD DEV 0.5058 MEAN LOG 0.8729 GEOM MN 1.4519 COEFF VAR 0.4660	MEAN 0.8000 STD DEV 0.3674 MEAN LOG -0.3360 GEOM MN 0.7141 COEFF VAR 0.6218	MEAN 0.9333 STD DEV 0.4909 MEAN LOG -0.2231 GEOM MN 0.8000 COEFF VAR 0.7611	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEFF VAR 0.0000	MEAN 2.0000 STD DEV 0.0000 MEAN LOG 0.6931 GEOM MN 2.0000 COEFF VAR 0.0000	MEAN 1.2357 STD DEV 0.5995 MEAN LOG 0.0653 GEOM MN 1.0675 COEFF VAR 0.7775
DIAMETER $\mu$ M	MEAN 0.2250 STD DEV 0.1677 MEAN LOG -1.0033 GEOM MN 0.1648 COEFF VAR 1.2573	MEAN 0.1500 STD DEV 0.0935 MEAN LOG -2.0999 GEOM MN 0.1225 COEFF VAR 0.9146	MEAN 0.1600 STD DEV 0.1105 MEAN LOG -2.2026 GEOM MN 0.1105 COEFF VAR 1.6235	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEFF VAR 0.0000	MEAN 0.1000 STD DEV 0.0000 MEAN LOG -2.3026 GEOM MN 0.1000 COEFF VAR 0.0000	MEAN 0.1807 STD DEV 0.1372 MEAN LOG -2.0092 GEOM MN 0.1341 COEFF VAR 1.2237
AREA SQ $\mu$ M	MEAN 1.3358 STD DEV 1.2026 MEAN LOG -0.2173 GEOM MN 0.8047 COEFF VAR 1.9015	MEAN 0.5085 STD DEV 0.5049 MEAN LOG -1.2023 GEOM MN 0.3005 COEFF VAR 1.9144	MEAN 0.7003 STD DEV 0.6882 MEAN LOG -1.2090 GEOM MN 0.2905 COEFF VAR 3.6057	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEFF VAR 0.0000	MEAN 0.6440 STD DEV 0.0000 MEAN LOG -0.4400 GEOM MN 0.6440 COEFF VAR 0.0000	MEAN 0.9139 STD DEV 0.9656 MEAN LOG -0.7271 GEOM MN 0.4833 COEFF VAR 2.4812
VOLUME CU $\mu$ M	MEAN 0.1118 STD DEV 0.1385 MEAN LOG -3.4752 GEOM MN 0.0310 COEFF VAR 5.1922	MEAN 0.0273 STD DEV 0.0374 MEAN LOG -4.7780 GEOM MN 0.0084 COEFF VAR 4.3883	MEAN 0.0425 STD DEV 0.0502 MEAN LOG -4.8698 GEOM MN 0.0077 COEFF VAR 10.9873	MEAN 0.0060 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEFF VAR 0.0000	MEAN 0.0157 STD DEV 0.0000 MEAN LOG -4.1536 GEOM MN 0.0157 COEFF VAR 0.0000	MEAN 0.0660 STD DEV 0.1038 MEAN LOG -4.1948 GEOM MN 0.0151 COEFF VAR 6.3413

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.737000 CUBIC METERS  
TOTAL FIBERS COUNTED = 14.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	6.0	0.0	6.0
PERCENT TOTAL FIBERS	42.857%	0.000%	42.857%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU METER OF AIR)	5.2470E+04 1.4043E+04	0.0000E+00 0.0000E+00	5.2470E+04 1.4043E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER) (SQ µM PER CU METER OF AIR)	7.0102E+04 1.0759E+04	0.0000E+00 0.0000E+00	7.0102E+04 1.0759E+04
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER) (GRAMS PER CU METER OF AIR)	1.5257E+04 4.0027E+03	0.0000E+00 0.0000E+00	1.5257E+04 4.0027E+03
LENGTH µm	1.5500 0.5050 0.3729	0.0000 0.0000 0.0000	1.5500 0.5050 0.3729
DIAMETER µm	1.4519 0.4660	0.0000 0.0000	1.4519 0.4660
AREA SQ µm	0.2250 0.1677 -1.0033 0.1648 1.2573	0.0000 0.0000 0.0000 0.0000 0.0000	0.2250 0.1677 -1.0033 0.1648 1.2573
VOLUME CU µm	1.3350 1.2026 -0.2173 0.0047 1.9015	0.0000 0.0000 0.0000 0.0000 0.0000	1.3350 1.2026 -0.2173 0.0047 1.9015
	0.1110 0.1305 -0.4752 0.0310 5.1922	0.0000 0.0000 0.0000 0.0000 0.0000	0.1110 0.1305 -0.4752 0.0310 5.1922

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A19

San Jose

9/22/81

TOTAL AREA SCANNED = 144060.00 SQ µm  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 18.0 FIBERS

	CHRYSOPILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	4.0	1.0	5.0	8.0	18.0
PERCENT TOTAL FIBERS	22.222%	5.556%	27.770%	44.444%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	3.4905E+04	0.7464E+03	4.3732E+04	6.9971E+04	1.5743E+05
(FIBERS PER CU METER OF AIR)	9.4047E+03	2.3512E+03	1.1756E+04	1.8809E+04	4.2321E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	2.6310E+04	1.1120E+04	1.4993E+04	6.9243E+04	0.0000E+00
(SQ µm PER CU METER OF AIR)	7.0725E+03	2.9915E+03	4.0304E+03	1.8614E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	2.9291E+03	0.2432E+02	0.0000	0.0000	0.0000
(GRAMS PER CU METER OF AIR)	7.0739E+02	2.2159E+02	0.0000	0.0000	0.0000
LENGTH µm	1.6250	4.0000	0.9000	1.7000	1.5000
MEAN	1.3103	0.0000	0.4000	0.7053	1.0525
STD DEV	0.1727	1.3863	-0.2125	0.4303	0.2512
MEAN LOG	1.1885	4.0000	0.0086	1.5500	1.2055
GEOM MN	1.1020	0.0000	0.6060	0.5552	0.9303
COEF VAR	0.1000	0.1000	0.0900	0.1750	0.1306
MEAN	0.0612	0.0000	0.0613	0.0661	0.0736
STD DEV	-2.4759	-2.3026	-2.6691	-1.8187	-2.2270
MEAN LOG	0.0041	6.1000	0.0693	0.1622	0.1070
GEOM MN	0.7766	0.0000	1.1499	0.4861	0.9535
COEF VAR	0.7520	1.2723	0.3428	0.9896	0.7729
MEAN	0.9026	0.0000	0.3543	0.5461	0.6042
STD DEV	-1.1104	0.2409	-1.6906	-0.1755	-0.7827
MEAN LOG	0.3268	1.2723	0.1844	0.8391	0.4571
GEOM MN	2.4584	0.0000	2.2555	0.8010	2.2005
COEF VAR	0.0322	0.0314	0.0123	0.0461	0.0328
MEAN	0.0504	0.0000	0.0177	0.0350	0.0373
STD DEV	-5.0206	-3.4604	-5.7923	-3.4407	-4.4461
MEAN LOG	0.0066	0.0314	0.0031	0.0320	0.0117
GEOM MN	4.9399	0.0000	5.8218	1.4755	4.9404
COEF VAR					

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A19

TOTAL AREA SCANNED = 144060.00 SQ μm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.726000 CUBIC METERS  
TOTAL FIBERS COUNTED = 18.0 FIBERS

< 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	4.0	0.0	4.0
PERCENT TOTAL FIBERS	22.222%	0.000%	22.222%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	3.4985E+04	0.0000E+00	3.4985E+04
(FIBERS PER CU METER OF AIR)	9.4047E+03	0.0000E+00	9.4047E+03
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	2.6310E+04	0.0000E+00	2.6310E+04
(SQ μm PER CU METER OF AIR)	7.0725E+03	0.0000E+00	7.0725E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	2.9291E+03	0.0000E+00	2.9291E+03
(GRAMS PER CU METER OF AIR)	7.0739E+02	0.0000E+00	7.0739E+02
LENGTH μm	MEAN 1.6250 STD DEV 1.3103 MEAN LOG 0.1727 GEOM MN 1.1085 COEF VAR 1.1020	0.0000 0.0000 0.0000 0.0000 0.0000	1.6250 1.3103 0.1727 1.1085 1.1020
DIAMETER μm	MEAN 0.1000 STD DEV 0.0612 MEAN LOG -2.4759 GEOM MN 0.0041 COEF VAR 0.7766	0.0000 0.0000 0.0000 0.0000 0.0000	0.1000 0.0612 -2.4759 0.0041 0.7766
AREA SQ μm	MEAN 0.7520 STD DEV 0.9826 MEAN LOG -1.1104 GEOM MN 0.3260 COEF VAR 2.4504	0.0000 0.0000 0.0000 0.0000 0.0000	0.7520 0.9826 -1.1104 0.3260 2.4504
VOLUME CU μm	MEAN 0.0322 STD DEV 0.0504 MEAN LOG -5.0206 GEOM MN 0.0066 COEF VAR 4.9399	0.0000 0.0000 0.0000 0.0000 0.0000	0.0322 0.0504 -5.0206 0.0066 4.9399

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A20

San Jose

9/22/81

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 29.0 FIBERS

	CHRYSOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	6.0	3.0	15.0	5.0	29.0
PERCENT TOTAL FIBERS	20.690%	10.345%	51.724%	17.241%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.2478E+04	2.6239E+04	1.3120E+05	4.3732E+04	2.5364E+05
(FIBERS PER CU METER OF AIR)	1.4107E+04	7.0535E+03	3.5260E+04	1.1756E+04	6.8104E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.3311E+04	6.2923E+04	1.0337E+05	7.1008E+04	0.6000E+00
(SQ µM PER CU METER OF AIR)	3.5704E+03	1.6915E+04	2.7709E+04	1.9325E+04	0.6000E+00
MASS CONCENTRATION (CGRAMS PER SQ CM OF FILTER)	1.2050E+03	1.6099E+04			
(CGRAMS PER CU METER OF AIR)	3.2394E+02	4.5426E+03			
LENGTH µm	MEAN 0.8333	2.3333	1.1333	2.1000	1.3621
	STD DEV 0.3350	1.9137	0.9141	0.7099	1.0943
	MEAN LOG -0.2554	0.4704	-0.1099	0.6664	0.0547
	GEOM MN 0.7746	1.6134	0.4959	1.9472	1.0562
	COEF VAR 0.4553	1.3902	0.9134	0.5190	0.9808
DIAMETER µm	MEAN 0.0717	0.2000	0.1527	0.2300	0.1541
	STD DEV 0.0579	0.1414	0.0867	0.0980	0.1045
	MEAN LOG -2.0498	-1.0405	-2.0498	-1.6434	-2.1234
	GEOM MN 0.0579	0.1507	0.1208	0.1933	0.1196
	COEF VAR 0.7954	0.9223	0.8148	1.0020	1.0078
AREA SQ µm	MEAN 0.2537	2.3901	0.7079	1.6438	0.9915
	STD DEV 0.3371	2.9267	1.0217	0.9996	1.4262
	MEAN LOG -1.9207	-0.1659	-0.9401	0.2287	-0.8614
	GEOM MN 0.1465	0.8471	0.3906	1.2570	0.4226
	COEF VAR 1.4464	3.3987	2.2562	1.2281	2.7038
VOLUME CU µm	MEAN 0.0080	0.2147	0.0461	0.1004	0.0666
	STD DEV 0.0171	0.2925	0.0763	0.0800	0.1205
	MEAN LOG -6.1966	-3.4442	-4.4501	-2.0620	-4.4336
	GEOM MN 0.0020	0.0319	0.0117	0.0572	0.0119
	COEF VAR 3.2750	7.4571	4.8015	3.1909	6.4471

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A20

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 29.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	6.0	0.0	6.0
PERCENT TOTAL FIBERS	20.690%	0.000%	20.690%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.2478E+04	0.0000E+00	5.2478E+04
(FIBERS PER CU. METER OF AIR)	1.4107E+04	0.0000E+00	1.4107E+04
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	1.3311E+04	0.0000E+00	1.3311E+04
(SQ $\mu$ M PER CU. METER OF AIR)	3.5704E+03	0.0000E+00	3.5704E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.2050E+03	0.0000E+00	1.2050E+03
(GRAMS PER CU. METER OF AIR)	3.2394E+02	0.0000E+00	3.2394E+02
LENGTH $\mu$ M	0.8333	0.0000	0.8333
STD DEV	0.3350	0.0000	0.3350
MEAN LOG	-0.2554	0.0000	-0.2554
GEOM MN	0.7746	0.0000	0.7746
COEF VAR	0.4553	0.0000	0.4553
DIAMETER $\mu$ M	0.0717	0.0000	0.0717
STD DEV	0.0579	0.0000	0.0579
MEAN LOG	-2.0498	0.0000	-2.0498
GEOM MN	0.0579	0.0000	0.0579
COEF VAR	0.7954	0.0000	0.7954
AREA SQ $\mu$ M	0.2537	0.0000	0.2537
STD DEV	0.3371	0.0000	0.3371
MEAN LOG	-1.9207	0.0000	-1.9207
GEOM MN	0.1465	0.0000	0.1465
COEF VAR	1.4464	0.0000	1.4464
VOLUME CU $\mu$ M	0.0088	0.0000	0.0088
STD DEV	0.0171	0.0000	0.0171
MEAN LOG	-6.1966	0.0000	-6.1966
GEOM MN	0.0020	0.0000	0.0020
COEF VAR	3.2750	0.0000	3.2750

### 3.0 NAPA

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A21

Alapa County

9/23/81

TOTAL AREA SCANNED = 144600.00 SQ μm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 19.0 FIBERS

	CHRYSOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	2.0	0.0	12.0	5.0	19.0
PERCENT TOTAL FIBERS	10.526%	0.000%	63.158%	26.316%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7427E+04	0.0000E+00	1.0456E+05	4.3560E+04	1.6556E+05
(FIBERS PER CU' METER OF AIR)	4.6048E+03	0.0000E+00	2.8109E+04	1.1712E+04	4.4505E+04
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	1.8533E+03	0.0000E+00	2.7614E+04	1.9904E+04	0.0000E+00
(SQ μm PER CU' METER OF AIR)	4.9819E+02	0.0000E+00	7.4232E+03	5.3720E+03	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	7.4370E+01	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU' METER OF AIR)	1.9994E+01	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH μm	MEAN 0.5000 STD DEV 0.2000 MEAN LOG -0.7103 GEOM MN 0.4583 COEF VAR 0.5275	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.7083 STD DEV 0.3707 MEAN LOG -0.4693 GEOM MN 0.6254 COEF VAR 0.6383	MEAN 0.8000 STD DEV 0.1265 MEAN LOG -0.2361 GEOM MN 0.7897 COEF VAR 0.1762	MEAN 0.7105 STD DEV 0.3194 MEAN LOG -0.4407 GEOM MN 0.6436 COEF VAR 0.5699
DIAMETER μm	MEAN 0.6600 STD DEV 0.0100 MEAN LOG -2.0275 GEOM MN 0.6592 COEF VAR 0.1832	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0842 STD DEV 0.0595 MEAN LOG -2.8036 GEOM MN 0.0606 COEF VAR 1.5197	MEAN 0.1600 STD DEV 0.0490 MEAN LOG -1.8867 GEOM MN 0.1516 COEF VAR 0.4043	MEAN 0.1016 STD DEV 0.1644 MEAN LOG -2.5648 GEOM MN 0.0769 COEF VAR 1.3596
AREA SQ	MEAN 0.1063 STD DEV 0.0553 MEAN LOG -2.3987 GEOM MN 0.0900 COEF VAR 0.7794	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.2641 STD DEV 0.3040 MEAN LOG -2.0753 GEOM MN 0.1255 COEF VAR 3.0524	MEAN 0.4587 STD DEV 0.1809 MEAN LOG -0.6837 GEOM MN 0.4132 COEF VAR 0.6150	MEAN 0.2987 STD DEV 0.2819 MEAN LOG -1.7957 GEOM MN 0.1660 COEF VAR 2.5970
VOLUME CU	MEAN 0.0016 STD DEV 0.0011 MEAN LOG -6.6769 GEOM MN 0.0013 COEF VAR 1.1385	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0091 STD DEV 0.0149 MEAN LOG -6.3180 GEOM MN 0.0018 COEF VAR 8.9691	MEAN 0.0185 STD DEV 0.0109 MEAN LOG -4.2510 GEOM MN 0.0142 COEF VAR 1.2155	MEAN 0.0100 STD DEV 0.0141 MEAN LOG -5.8118 GEOM MN 0.0030 COEF VAR 7.2413

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144600.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 19.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	2.0	0.0	2.0
PERCENT TOTAL FIBERS	10.526%	0.000%	10.526%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7427E+04	0.0000E+00	1.7427E+04
(FIBERS PER CU. METER OF AIR)	4.6040E+03	0.0000E+00	4.6040E+03
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.6533E+03	0.0000E+00	1.6533E+03
(SQ µm PER CU. METER OF AIR)	4.9819E+02	0.0000E+00	4.9819E+02
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	7.4370E+01	0.0000E+00	7.4370E+01
(GRAMS PER CU. METER OF AIR)	1.9994E+01	0.0000E+00	1.9994E+01
LENGTH µm	0.5000	0.0000	0.5000
STD DLV	0.2000	0.0000	0.2000
MEAN LOG	-0.7003	0.0000	-0.7003
GEOM MN	0.4503	0.0000	0.4503
COEF VAR	0.5275	0.0000	0.5275
DIAMETER µm	0.0600	0.0000	0.0600
STD DEV	0.0100	0.0000	0.0100
MEAN LOG	-2.8275	0.0000	-2.8275
GEOM MN	0.0592	0.0000	0.0592
COEF VAR	0.1832	0.0000	0.1832
AREA SQ µm	0.1063	0.0000	0.1063
STD DEV	0.0553	0.0000	0.0553
MEAN LOG	-2.3907	0.0000	-2.3907
GEOM MN	0.0908	0.0000	0.0908
COEF VAR	0.7794	0.0000	0.7794
VOLUME CU µm	0.0016	0.0000	0.0016
STD DEV	0.0011	0.0000	0.0011
MEAN LOG	-6.6769	0.0000	-6.6769
GEOM MN	0.0013	0.0000	0.0013
COEF VAR	1.1305	0.0000	1.1305

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A22

Napa County

9/23/81

TOTAL AREA SCANNED = 144060.00 SQ µm  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 5.0 FIBERS

	CHRYSOPILE	AMPHIBOLE	AMBIQUEOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	2.0	3.0	0.0	5.0
PERCENT TOTAL FIBERS	0.000%	40.000%	60.000%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	1.7493E+04	2.6239E+04	0.0000E+00	4.3732E+04
(FIBERS PER CU METER OF AIR)	0.0000E+00	4.7023E+03	7.0533E+03	0.0000E+00	1.1756E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	0.0000E+00	1.6486E+04	2.4352E+04	0.0000E+00	0.0000E+00
(SQ µm PER CU METER OF AIR)	0.0000E+00	4.4319E+03	6.5462E+03	0.0000E+00	0.0000E+00
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	0.0000E+00	2.3001E+03			
(PGRAMS PER CU METER OF AIR)	0.0000E+00	6.2046E+02			
LENGTH µm	0.0000	1.4000	1.1000	0.0000	1.2200
STD DEV	0.0000	0.1000	0.4320	0.0000	0.3709
MEAN LOG	0.0000	0.3339	0.0229	0.0000	0.1473
GEOM MN	0.0000	1.3964	1.0231	0.0000	1.1507
COEF VAR	0.0000	0.0742	0.4527	0.0000	0.3910
DIAMETER µm	0.0000	0.2000	0.2167	0.0000	0.2100
STD DEV	0.0000	0.0000	0.0850	0.0000	0.0663
MEAN LOG	0.0000	-1.6094	-1.6310	0.0000	-1.6223
GEOM MN	0.0000	0.2000	0.1957	0.0000	0.1974
COEF VAR	0.0000	0.0606	0.6172	0.0000	0.4514
AREA SQ µm	0.0000	0.9425	0.9231	0.0000	0.9330
STD DEV	0.0000	0.0628	0.6217	0.0000	0.4833
MEAN LOG	0.0000	-0.0615	-0.3608	0.0000	-0.2459
GEOM MN	0.0000	0.9404	0.6915	0.0000	0.7820
COEF VAR	0.0000	0.0699	1.2799	0.0000	0.9295
VOLUME CU µm	0.0000	0.0440	0.0566	0.0000	0.0516
STD DEV	0.0000	0.0031	0.0476	0.0000	0.0375
MEAN LOG	0.0000	-3.1265	-3.4896	0.0000	-3.3390
GEOM MN	0.0000	0.0439	0.0308	0.0000	0.0355
COEF VAR	0.0000	0.0742	2.6142	0.0000	1.7491

FIBER AND MASS CONCENTRATION  
 ASBESTOS DETAIL

SAI SAMPLE ID: A22

TOTAL AREA SCANNED = 144060.00 SQ µM  
 TOTAL AREA OF FILTER = 12.600 SQ CM  
 AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 5.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(SQ µM PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A23

Napa County

9/23/81

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 30.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	4.0	0.0	16.0	10.0	30.0
PERCENT TOTAL FIBERS	13.333%	0.000%	53.333%	33.333%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	3.4905E+04	0.0000E+00	1.3994E+05	0.7464E+04	2.6239E+05
(FIBERS PER CU METER OF AIR)	9.4047E+03	0.0000E+00	3.7619E+04	2.3512E+04	7.0535E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	5.1342E+03	0.0000E+00	1.0616E+05	1.0930E+05	0.0000E+00
(SQ µM PER CU METER OF AIR)	1.3002E+03	0.0000E+00	2.8538E+04	2.9301E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	3.7596E+02	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	1.0166E+02	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µM	0.7250	0.0000	1.5031	2.2500	1.6483
STD DEV	0.5214	0.0000	0.7413	1.0112	0.9569
MEAN LOG	-0.6283	0.0000	0.2601	0.6038	0.2029
GEOM MN	0.5335	0.0000	1.2971	1.9013	1.3270
COEF VAR	1.2520	0.0000	0.7682	0.7137	1.0602
DIAMETER µM	0.0525	0.0000	0.1419	0.1650	0.1377
STD DEV	0.0563	0.0000	0.0666	0.0413	0.0677
MEAN LOG	-3.4003	0.0000	-2.0705	-1.0305	-2.1715
GEOM MN	0.0331	0.0000	0.1261	0.1591	0.1140
COEF VAR	1.3928	0.0000	0.6383	0.3248	1.0342
AREA SQ µM	0.1468	0.0000	0.7586	1.2496	0.8407
STD DEV	0.1034	0.0000	0.5057	0.6977	0.6079
MEAN LOG	-2.0498	0.0000	-0.6092	0.0354	-0.6931
GEOM MN	0.0579	0.0000	0.5438	1.0360	0.5000
COEF VAR	3.0000	0.0000	1.3447	0.9221	2.5345
VOLUME CU µM	0.0041	0.0000	0.0332	0.0542	0.0363
STD DEV	0.0068	0.0000	0.0365	0.0380	0.0300
MEAN LOG	-7.6865	0.0000	-4.1225	-3.2346	-4.3017
GEOM MN	0.0005	0.0000	0.0162	0.0394	0.0135
COEF VAR	7.8569	0.0000	2.5922	1.3971	5.8194

SAI SAMPLE ID: A23  
FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ μm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 30.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	4.0	0.0	4.0
PERCENT TOTAL FIBERS	13.333%	0.000%	13.333%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU METER OF AIR)	3.4985E+04 9.4047E+03	0.0000E+00 0.0000E+00	3.4985E+04 9.4047E+03
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER) (SQ μm PER CU METER OF AIR)	5.1342E+03 1.3802E+03	0.0000E+00 0.0000E+00	5.1342E+03 1.3802E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER) (GRAMS PER CU METER OF AIR)	3.7596E+02 1.0106E+02	0.0000E+00 0.0000E+00	3.7596E+02 1.0106E+02
LENGTH μm	MEAN 0.7250 STD DEV 0.5214 MEAN LOG -0.6283 GEOM MN 0.5335 COEF VAR 1.2520	0.0000 0.0000 0.0000 0.0000 0.0000	0.7250 0.5214 -0.6283 0.5335 1.2520
DIAMETER μm	MEAN 0.0525 STD DEV 0.0563 MEAN LOG -3.4083 GEOM MN 0.0331 COEF VAR 1.3928	0.0000 0.0000 0.0000 0.0000 0.0000	0.0525 0.0563 -3.4083 0.0331 1.3928
AREA SQ μm	MEAN 0.1468 STD DEV 0.1834 MEAN LOG -2.8498 GEOM MN 0.0579 COEF VAR 3.0100	0.0000 0.0000 0.0000 0.0000 0.0000	0.1468 0.1834 -2.8498 0.0579 3.0100
VOLUME CU μm	MEAN 0.0041 STD DEV 0.0068 MEAN LOG -7.6865 GEOM MN 0.0005 COEF VAR 7.8569	0.0000 0.0000 0.0000 0.0000 0.0000	0.0041 0.0068 -7.6865 0.0005 7.8569

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A24  
 Napa County  
 9/23/81

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.704000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 25.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	2.0	3.0	14.0	6.0	25.0
PERCENT TOTAL FIBERS	0.000%	12.000%	56.000%	24.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	2.6239E+04	1.2245E+05	5.2478E+04	2.1866E+05
(FIBERS PER CU. METER OF AIR)	4.7227E+03	7.0040E+03	3.3059E+04	1.4168E+04	5.9033E+04
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	3.0606E+04	1.1953E+04	5.5331E+04	6.1097E+04	0.0000E+00
(SQ $\mu$ M PER CU. METER OF AIR)	1.0423E+04	3.2270E+03	1.4930E+04	1.6711E+04	0.0000E+00
MASS CONCENTRATION (MICROGRAMS PER SQ CM OF FILTER)	0.7873E+03	1.4632E+03			
(MICROGRAMS PER CU. METER OF AIR)	2.3724E+03	3.9503E+02			
LENGTH $\mu$ M	2.1000	0.7667	0.7143	2.0500	1.1520
MEAN	0.9000	0.1700	0.2503	1.1132	0.8095
STD DEV	0.6405	-0.2092	-0.3926	0.5759	-0.0651
MEAN LOG	1.0974	0.7489	0.6753	1.7700	0.9370
GEOM MN	0.5011	0.2385	0.3910	0.6925	0.8134
COEF VAR	0.2500	0.1667	0.0718	0.1503	0.1692
DIAMETER $\mu$ M	0.1500	0.0471	0.0718	0.1175	0.0940
MEAN	-1.6094	-1.0405	-1.9635	-2.0703	-1.9400
STD DEV	0.2000	0.1507	0.1404	0.1231	0.1426
MEAN LOG	1.0000	0.3065	0.0570	0.9471	0.8635
GEOM MN	2.2070	0.4555	0.4519	1.1795	0.7673
COEF VAR	1.0143	0.1063	0.3057	0.9733	0.9062
AREA SQ $\mu$ M	0.2204	-0.0708	-0.3160	-0.7014	-0.7014
MEAN	1.2566	0.4153	0.3316	0.7204	0.4577
STD DEV	2.2000	0.5546	1.4493	1.0970	1.7790
MEAN LOG	0.1932	0.0186	0.0207	0.0679	0.0456
GEOM MN	0.1030	0.0106	0.0197	0.0001	0.0042
COEF VAR	-2.0200	-4.2117	-4.5613	-3.0233	-4.2027
VOLUME CU $\mu$ M	0.0596	0.0148	0.0104	0.0219	0.0150
MEAN	5.3246	1.0704	3.3794	4.3712	3.8540
STD DEV					
MEAN LOG					
GEOM MN					
COEF VAR					

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.704000 CUBIC METERS  
TOTAL FIBERS COUNTED = 25.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	2.0	0.0	2.0
PERCENT TOTAL FIBERS	8.000%	0.000%	8.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	0.0000E+00	1.7493E+04
(FIBERS PER CU METER OF AIR)	4.7227E+03	0.0000E+00	4.7227E+03
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	3.0606E+04	0.0000E+00	3.0606E+04
(SQ µM PER CU METER OF AIR)	1.0423E+04	0.0000E+00	1.0423E+04
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	8.7073E+03	0.0000E+00	8.7073E+03
(GRAMS PER CU METER OF AIR)	2.3724E+03	0.0000E+00	2.3724E+03
LENGTH µM	2.1000	0.0000	2.1000
STD DEV	0.9000	0.0000	0.9000
MEAN LOG	0.6405	0.0000	0.6405
GEOM MN	1.0974	0.0000	1.0974
COEF VAR	0.5811	0.0000	0.5811
DIAMETER µm	0.2500	0.0000	0.2500
STD DEV	0.1500	0.0000	0.1500
MEAN LOG	-1.6094	0.0000	-1.6094
GEOM MN	0.2000	0.0000	0.2000
COEF VAR	1.0000	0.0000	1.0000
AREA SQ µm	2.2070	0.0000	2.2070
STD DEV	1.0143	0.0000	1.0143
MEAN LOG	0.2204	0.0000	0.2204
GEOM MN	1.2566	0.0000	1.2566
COEF VAR	2.2000	0.0000	2.2000
VOLUME CU µm	0.1932	0.0000	0.1932
STD DEV	0.1038	0.0000	0.1038
MEAN LOG	-2.0200	0.0000	-2.0200
GEOM MN	0.0596	0.0000	0.0596
COEF VAR	5.3246	0.0000	5.3246

#### 4.0 SONORA

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A25

Sonora

9/24/81

TOTAL AREA SCANNED = 144060.00 SQ µM  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 22.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	5.0	1.0	9.0	7.0	22.0
PERCENT TOTAL FIBERS	22.727%	4.545%	40.909%	31.818%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	4.3732E+04	0.7464E+03	7.0717E+04	6.1224E+04	1.9242E+05
(FIBERS PER CU. METER OF AIR)	1.1756E+04	2.3512E+03	2.1161E+04	1.6458E+04	5.1726E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.0424E+05	1.7723E+04	1.1869E+05	8.9127E+04	0.0000E+00
(SQ µM PER CUB METER OF AIR)	2.8021E+04	4.7642E+03	3.1906E+04	2.3959E+04	0.0000E+00
MASS CONCENTRATION (OGRAMS PER SQ CM OF FILTER)	2.5872E+04	3.7095E+03			
(OGRAMS PER CU. METER OF AIR)	6.9548E+03	9.9717E+02			
LENGTH µM	MEAN 2.2400 STD DEV 3.3027 MEAN LOG -0.0657 GEOM MN 0.9364 COEF VAR 2.1703	2.0000 0.0000 0.6931 2.0000 0.0000	1.6111 1.4356 0.1025 1.1080 1.3611	1.5143 1.4623 0.1112 1.1176 1.0113	1.7409 2.0511 0.0939 1.0984 1.4215
DIAMETER µM	MEAN 0.1120 STD DEV 0.1473 MEAN LOG -2.9910 GEOM MN 0.0502 COEF VAR 2.3542	0.3000 0.0000 -1.2040 0.3000 0.0000	0.1409 0.1705 -2.5630 0.0771 2.1158	0.1500 0.1520 -2.3345 0.0969 1.5598	0.1477 0.1597 -2.5258 0.0800 2.1042
AREA SQ µM	MEAN 2.3836 STD DEV 4.5097 MEAN LOG -1.0826 GEOM MN 0.1522 COEF VAR 9.2483	2.0263 0.0000 0.7062 2.0263 0.0000	1.5078 2.3094 -1.2733 0.2799 5.6381	1.4557 2.7834 -1.0315 0.3565 3.8984	1.7138 3.0951 -1.2449 0.2880 5.9883
VOLUME CU µM	MEAN 0.2275 STD DEV 0.4517 MEAN LOG -6.2892 GEOM MN 0.0019 COEF VAR 32.8806	0.1414 0.0000 -1.9564 0.1414 0.0000	0.1421 0.2440 -5.2650 0.0052 18.9246	0.1491 0.3402 -4.7993 0.0082 11.2416	0.1637 0.3298 -5.1992 0.0055 20.0365

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A25

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
 TOTAL AREA OF FILTER = 12.600 SQ CM  
 AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 22.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	4.0	1.0	5.0
PERCENT TOTAL FIBERS	18.182%	4.545%	22.727%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	3.4985E+04	0.7464E+03	4.3732E+04
(FIBERS PER CU METER OF AIR)	9.4047E+03	2.3512E+03	1.1756E+04
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	3.1214E+03	1.0412E+05	1.0424E+05
(SQ $\mu$ M PER CU METER OF AIR)	0.3910E+02	2.7182E+04	2.8021E+04
MASS CONCENTRATION (CGRAMS PER SQ CM OF FILTER)	1.5288E+02	2.5719E+04	2.5072E+04
(CGRAMS PER CU METER OF AIR)	4.1098E+01	6.9137E+03	6.9548E+03
LENGTH $\mu$ M	MEAN 0.5500 STD DEV 0.1500 MEAN LOG -0.6314 GEOM NN 0.5318 COEF VAR 0.2875	9.0000 0.0000 2.1972 9.0000 0.0000	2.2400 3.3027 -0.0657 0.9364 2.1703
DIAMETER $\mu$ M	MEAN 0.6400 STD DEV 0.0346 MEAN LOG -3.5097 GEOM NN 0.0299 COEF VAR 1.0075	0.4000 0.0000 -0.9163 0.4000 0.0000	0.1120 0.1473 -2.9910 0.0502 2.3542
AREA SQ $\mu$ M	MEAN 0.0892 STD DEV 0.1027 MEAN LOG -2.9651 GEOM NN 0.0516 COEF VAR 1.5955	11.5611 0.0000 2.4476 11.5611 0.0000	2.3036 4.5897 -1.0026 0.1522 9.2403
VOLUME CU $\mu$ M	MEAN 0.0017 STD DEV 0.0027 MEAN LOG -7.8923 GEOM NN 0.0004 COEF VAR 4.1145	1.1310 0.0000 0.1231 1.1310 0.0000	0.2275 0.4517 -6.2092 0.0019 32.0006

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A26

Sonora

9/24/81

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.030000 CUBIC METERS  
TOTAL FIBERS COUNTED = 8.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	3.0	1.0	4.0	0.0	8.0
PERCENT TOTAL FIBERS	37.500%	12.500%	50.000%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	2.6239E+04	8.7464E+03	3.4905E+04	0.0000E+00	6.9971E+04
(FIBERS PER CU. METER OF AIR)	6.0509E+03	2.2836E+03	9.1346E+03	0.0000E+00	1.8269E+04
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	7.9959E+03	3.6964E+03	3.4416E+04	0.0000E+00	0.0000E+00
(SQ $\mu$ M PER CU. METER OF AIR)	2.0877E+03	9.4162E+02	8.9850E+03	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	6.5226E+02	3.7095E+02			
(GRAMS PER CU. METER OF AIR)	1.7030E+02	9.6853E+01			
LENGTH $\mu$ M	MEAN 0.8667 STD DEV 0.3091 MEAN LOG -0.2017 GEOM MN 0.8173 COEF VAR 0.3967	MEAN 0.8000 STD DEV 0.0000 MEAN LOG -0.2231 GEOM MN 0.8000 COEF VAR 0.0000	MEAN 1.0000 STD DEV 0.5831 MEAN LOG -0.1379 GEOM MN 0.8712 COEF VAR 0.6388	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.9250 STD DEV 0.4603 MEAN LOG -0.1725 GEOM MN 0.8416 COEF VAR 0.5013
DIAMETER $\mu$ M	MEAN 0.1133 STD DEV 0.0618 MEAN LOG -2.3162 GEOM MN 0.0986 COEF VAR 0.6709	MEAN 0.1500 STD DEV 0.0000 MEAN LOG -1.8971 GEOM MN 0.1500 COEF VAR 0.0000	MEAN 0.2250 STD DEV 0.1031 MEAN LOG -1.5800 GEOM MN 0.2060 COEF VAR 0.4930	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.1738 STD DEV 0.7075 MEAN LOG -1.0957 GEOM MN 0.1502 COEF VAR 0.7219
AREA SQ $\mu$ M	MEAN 0.3047 STD DEV 0.1447 MEAN LOG -1.2995 GEOM MN 0.2727 COEF VAR 0.5983	MEAN 0.4123 STD DEV 0.0000 MEAN LOG -0.8859 GEOM MN 0.4123 COEF VAR 0.0000	MEAN 0.9837 STD DEV 1.0292 MEAN LOG -0.4590 GEOM MN 0.6319 COEF VAR 1.3648	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.6577 STD DEV 0.8030 MEAN LOG -0.8276 GEOM MN 0.4371 COEF VAR 1.1764
VOLUME CU $\mu$ M	MEAN 0.0096 STD DEV 0.0000 MEAN LOG -5.0757 GEOM MN 0.0062 COEF VAR 1.4439	MEAN 0.0141 STD DEV 0.0000 MEAN LOG -4.2589 GEOM MN 0.0141 COEF VAR 0.0000	MEAN 0.0737 STD DEV 0.1026 MEAN LOG -3.5395 GEOM MN 0.0290 COEF VAR 2.5349	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0422 STD DEV 0.0793 MEAN LOG -4.2055 GEOM MN 0.0149 COEF VAR 2.5466

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ.  $\mu$ M  
TOTAL AREA OF FILTER = 12.600 SQ. CM

AREA OF TEN MEMBRANE = 12.60 SQ. CM  
TOTAL VOLUME OF AIR = 3.030000 CUBIC METERS  
TOTAL FIBERS COUNTED = 8.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	3.0	0.0	3.0
PERCENT TOTAL FIBERS	37.500%	0.000%	37.500%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	2.6239E+04	0.0000E+00	2.6239E+04
(FIBERS PER CU METER OF AIR)	6.8509E+03	0.0000E+00	6.8509E+03
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	7.9959E+03	0.0000E+00	7.9959E+03
(SQ $\mu$ M PER CU METER OF AIR)	2.0877E+03	0.0000E+00	2.0877E+03
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	6.5226E+02	0.0000E+00	6.5226E+02
(PGRAMS PER CU METER OF AIR)	1.7030E+02	0.0000E+00	1.7030E+02
LENGTH $\mu$ M	MEAN 0.8667	0.0000	0.8667
STD DEV 0.3091	0.0000	0.3091	0.3091
MEAN LOG -0.2017	0.0000	-0.2017	-0.2017
GEOM MN 0.8173	0.0000	0.8173	0.8173
COEF VAR 0.3967	0.0000	0.3967	0.3967
DIAMETER $\mu$ M	MEAN 0.1133	0.0000	0.1133
STD DEV 0.0618	0.0000	0.0618	0.0618
MEAN LOG -2.3162	0.0000	-2.3162	-2.3162
GEOM MN 0.0986	0.0000	0.0986	0.0986
COEF VAR 0.6709	0.0000	0.6709	0.6709
AREA SQ $\mu$ M	MEAN 0.3047	0.0000	0.3047
STD DEV 0.1447	0.0000	0.1447	0.1447
MEAN LOG -1.2995	0.0000	-1.2995	-1.2995
GEOM MN 0.2727	0.0000	0.2727	0.2727
COEF VAR 0.5983	0.0000	0.5983	0.5983
VOLUME CU $\mu$ M	MEAN 0.0096	0.0000	0.0096
STD DEV 0.0088	0.0000	0.0088	0.0088
MEAN LOG -5.0757	0.0000	-5.0757	-5.0757
GEOM MN 0.0062	0.0000	0.0062	0.0062
COEF VAR 1.4439	0.0000	1.4439	1.4439

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

Sonora

9/24/81

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 7.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	1.0	1.0	4.0	7.0
PERCENT TOTAL FIBERS	14.286%	14.286%	14.286%	57.143%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.7464E+03	0.7464E+03	0.7464E+03	3.4985E+04	6.1224E+04
(FIBERS PER CU METER OF AIR)	2.3512E+03	2.3512E+03	2.3512E+03	9.4017E+03	1.6458E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	3.3523E+04	4.4307E+03	2.0952E+03	3.2423E+04	0.0000E+00
(SQ µM PER CU METER OF AIR)	9.0114E+03	1.1911E+03	5.6321E+02	0.7160E+03	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	4.2065E+03	4.6368E+02	0.0500	0.1500	0.1429
(GRAMS PER CU METER OF AIR)	1.1523E+03	1.2465E+02	0.0000	0.0500	0.0562
LENGTH µm	6.0000	1.0000	1.5000	1.0750	2.2857
MEAN	6.0000	0.0000	0.0000	0.6457	1.6217
STD DEV	1.7918	0.0000	0.4055	0.5633	0.6358
MEAN LOG	6.0000	1.0000	1.5000	1.7565	1.0005
GEOM MN	0.0000	0.0000	0.0000	0.4502	0.7000
COEF VAR	0.2000	0.1500	0.0500	0.1500	0.1429
DIAMETER µm	0.2000	0.0000	0.0500	0.0500	0.0562
MEAN	0.0000	0.0000	0.0000	0.0500	0.0562
STD DEV	-1.6094	-1.0071	-2.9957	-1.9560	-2.9466
MEAN LOG	0.2000	0.1500	0.0500	0.1414	0.1292
GEOM MN	0.0000	0.0000	0.0000	0.4142	0.6196
COEF VAR	3.8327	0.5066	0.2395	0.9268	1.1037
AREA SQ µm	0.0000	0.0000	0.0000	0.5194	1.1778
MEAN	1.3436	-0.6801	-1.4290	-0.2019	-0.2247
STD DEV	3.8327	0.5066	0.2395	0.0172	0.7987
MEAN LOG	0.0000	0.0000	0.0000	0.6005	1.3292
GEOM MN	0.1885	0.0177	0.0029	0.0371	0.0511
COEF VAR	0.0000	0.0000	0.0000	0.0302	0.0618
VOLUME CU µm	-1.6687	-4.0358	-5.0276	-3.5902	-3.6990
MEAN	0.1885	0.0177	0.0029	0.0237	0.0247
STD DEV	0.0000	0.0000	0.0000	1.1012	2.5066
MEAN LOG	0.0000	0.0000	0.0000		
GEOM MN	0.0000	0.0000	0.0000		
COEF VAR					

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A27

TOTAL AREA SCANNED = 144960.00 SQ μm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.720000 CUBIC METERS  
TOTAL FIBERS COUNTED = 7.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	0.0	1.0	1.0
PERCENT TOTAL FIBERS	0.000%	14.286%	14.286%
FIBER CONCENTRATION			
(FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.7464E+03	0.7464E+03
(FIBERS PER CU METER OF AIR)	0.0000E+00	2.3512E+03	2.3512E+03
TOTAL SURFACE AREA			
(SQ μm PER SQ CM OF FILTER)	0.0000E+00	3.3523E+04	3.3523E+04
(SQ μm PER CU METER OF AIR)	0.0000E+00	9.0114E+03	9.0114E+03
MASS CONCENTRATION			
(GRAMS PER SQ CM OF FILTER)	0.0000E+00	4.2865E+03	4.2865E+03
(GRAMS PER CU METER OF AIR)	0.0000E+00	1.1523E+03	1.1523E+03
LENGTH ( μm )			
MEAN	0.0000	6.0000	6.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	1.7918	1.7918
GEOM MN	0.0000	6.0000	6.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER ( μm )			
MEAN	0.0000	0.2000	0.2000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	-1.6094	-1.6094
GEOM MN	0.0000	0.2000	0.2000
COEF VAR	0.0000	0.0000	0.0000
AREA (SQ μm )			
MEAN	0.0000	3.8327	3.8327
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	1.3436	1.3436
GEOM MN	0.0000	3.8327	3.8327
COEF VAR	0.0000	0.0000	0.0000
VOLUME (CUB μm )			
MEAN	0.0000	0.1885	0.1885
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	-1.6687	-1.6687
GEOM MN	0.0000	0.1885	0.1885
COEF VAR	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A28

Sonora

9/24/81

TOTAL AREA SCANNED = 144060.00 SQ µM  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.670000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 4.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	0.0	1.0	3.0	4.0
PERCENT TOTAL FIBERS	0.000%	0.000%	25.000%	75.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.7464E+03	2.6239E+04	3.4985E+04
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	2.3832E+03	7.1496E+03	9.5320E+03
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	2.2861E+03	1.9020E+04	0.0000E+00
(SQ µM PER CU METER OF AIR)	0.0000E+00	0.0000E+00	6.2292E+02	5.1825E+03	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µM	MEAN 0.0000	0.0000	1.0000	1.6667	1.5000
STD DEV 0.0000	0.0000	0.0000	0.0000	0.3399	0.4123
MEAN LOG 0.0000	0.0000	0.0000	0.0000	0.4873	0.3658
GEOM MN 0.0000	0.0000	1.0000	1.0000	1.6207	1.4417
COEF VAR 0.0000	0.0000	0.0000	0.0000	0.2463	0.3292
DIAMETER µM	MEAN 0.0000	0.0000	0.0800	0.1267	0.1150
STD DEV 0.0000	0.0000	0.0000	0.0000	0.0525	0.0497
MEAN LOG 0.0000	0.0000	0.0000	-2.5257	-2.1459	-2.2409
GEOM MN 0.0000	0.0000	0.0000	0.0800	0.1170	0.1064
COEF VAR 0.0000	0.0000	0.0000	0.0000	0.4772	0.4561
AREA SQ µM	MEAN 0.0000	0.0000	0.2614	0.7249	0.6090
STD DEV 0.0000	0.0000	0.0000	0.0000	0.4214	0.4165
MEAN LOG 0.0000	0.0000	0.0000	-1.3418	-0.4762	-0.6926
GEOM MN 0.0000	0.0000	0.0000	0.2614	0.6211	0.5003
COEF VAR 0.0000	0.0000	0.0000	0.0000	0.7108	0.8171
VOLUME CU µM	MEAN 0.0000	0.0000	0.0050	0.0271	0.0216
STD DEV 0.0000	0.0000	0.0000	0.0000	0.0253	0.0239
MEAN LOG 0.0000	0.0000	0.0000	-5.2930	-4.0456	-4.3575
GEOM MN 0.0000	0.0000	0.0000	0.0050	0.0175	0.0128
COEF VAR 0.0000	0.0000	0.0000	0.0000	1.4697	1.5888

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A28

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.670000 CUBIC METERS  
TOTAL FIBERS COUNTED = 4.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(SQ $\mu$ M PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

## 5.0 CENTURY CITY

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A36

Century City  
10/18/81  
(Sunday)

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.443000 CUBIC METERS  
TOTAL FIBERS COUNTED = 7.0 FIBERS

	CHRYBOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	0.0	6.0	1.0	7.0
PERCENT TOTAL FIBERS	0.000%	0.000%	85.714%	14.286%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.00000E+00	0.00000E+00	5.2470E+04	8.7464E+03	6.1224E+04
(FIBERS PER CU METER OF AIR)	0.00000E+00	0.00000E+00	2.1401E+04	3.5802E+03	2.5061E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	0.00000E+00	0.00000E+00	2.0677E+04	1.3395E+05	0.00000E+00
(SQ µm PER CU METER OF AIR)	0.00000E+00	0.00000E+00	8.4637E+03	5.4031E+04	0.00000E+00
MASS CONCENTRATION (µGRAMS PER SQ CM OF FILTER)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
(µGRAMS PER CU METER OF AIR)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
LENGTH µm	MEAN 0.0000	0.0000	0.9667	9.5000	2.1857
	STD DEV 0.0000	0.0000	0.3771	0.0000	3.0064
	MEAN LOG 0.0000	0.0000	-0.1214	2.2513	0.2175
	GEOM MN 0.0000	0.0000	0.0857	9.5000	1.2430
	COEF VAR 0.0000	0.0000	0.5422	0.0000	1.5145
DIAMETER µm	MEAN 0.0000	0.0000	0.1167	0.5000	0.1714
	STD DEV 0.0000	0.0000	0.0624	0.0000	0.1460
	MEAN LOG 0.0000	0.0000	-2.3026	-0.6931	-2.727
	GEOM MN 0.0000	0.0000	0.1000	0.5000	0.1250
	COEF VAR 0.0000	0.0000	0.7611	0.0000	1.1501
AREA SQ µm	MEAN 0.0000	0.0000	0.3940	15.3153	2.5256
	STD DEV 0.0000	0.0000	0.3184	5.2297	0.0000
	MEAN LOG 0.0000	0.0000	-1.2123	2.7289	-0.6493
	GEOM MN 0.0000	0.0000	0.2975	15.3153	0.5224
	COEF VAR 0.0000	0.0000	1.0355	0.0000	3.6092
VOLUME CU µm	MEAN 0.0000	0.0000	0.0147	1.8653	0.2790
	STD DEV 0.0000	0.0000	0.0172	0.0000	0.6470
	MEAN LOG 0.0000	0.0000	-4.9602	0.6234	-4.1694
	GEOM MN 0.0000	0.0000	0.0070	1.8653	0.0155
	COEF VAR 0.0000	0.0000	2.3232	0.0000	0.4923

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A36

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.443000 CUBIC METERS  
TOTAL FIBERS COUNTED = 7.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(FIBERS PER CU' METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(SQ µm PER CU' METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU' METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A38

Century City  
10/18/31  
(Sunday)

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.125660 CUBIC METERS  
TOTAL FIBERS COUNTED = 3.0 FIBERS

	CHRYCOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	0.0	2.0	0.0	3.0
PERCENT TOTAL FIBERS	33.333%	0.000%	66.667%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.7464E+03	0.0000E+00	1.7493E+04	0.0000E+00	2.6239E+04
(FIBERS PER CU METER OF AIR)	4.1159E+03	0.0000E+00	0.2319E+03	0.0000E+00	1.2348E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.4288E+02	0.0000E+00	3.9348E+03	0.0000E+00	0.0000E+00
(SQ µm PER CU METER OF AIR)	6.7239E+01	0.0000E+00	1.8517E+03	0.0000E+00	0.0000E+00
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.7860E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(PGRAMS PER CU METER OF AIR)	0.4049E-01	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 0.2500 STD DEV 0.0000 MEAN LOG -1.3863 GEOM MN 0.2500 COEF VAR 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.8500 0.4500 -0.3270 0.7211 0.8028	0.0000 0.0000 0.0000 0.0000 0.0000	0.6500 0.4637 -0.6001 0.5066 1.0007
DIAMETER µm	MEAN 0.0200 STD DEV 0.0000 MEAN LOG -3.9120 GEOM MN 0.0200 COEF VAR 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0600 0.0400 -3.1073 0.0447 1.2361	0.0000 0.0000 0.0000 0.0000 0.0000	0.0467 0.0377 -3.3755 0.0342 1.1355
AREA SQ µm	MEAN 0.0163 STD DEV 0.0000 MEAN LOG -4.1144 GEOM MN 0.0163 COEF VAR 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.2249 0.1992 -2.2503 0.1045 3.0575	0.0000 0.0000 0.0000 0.0000 0.0000	0.1554 0.1900 -2.0770 0.0563 3.2202
VOLUME CU µm	MEAN 0.0001 STD DEV 0.0000 MEAN LOG -9.4519 GEOM MN 0.0001 COEF VAR 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0052 0.0050 -6.7831 0.0011 0.0139	0.0000 0.0000 0.0000 0.0000 0.0000	0.0035 0.0048 -7.6727 0.0005 7.9550

FIBER AND MASS CONCENTRATION  
 ASBESTOS DETAIL

SAI SAMPLE ID: A30

TOTAL AREA SCANNED = 144060.00 SQ µm  
 TOTAL AREA OF FILTER = 12.600 SQ CM  
 AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 2.125000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 3.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	1.0	0.0	1.0
PERCENT TOTAL FIBERS	33.333%	0.000%	33.333%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	8.7464E+03	0.0000E+00	8.7464E+03
(FIBERS PER CU. METER OF AIR)	4.1159E+03	0.0000E+00	4.1159E+03
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.4288E+02	0.0000E+00	1.4288E+02
(SQ µm PER CU. METER OF AIR)	6.7239E+01	0.0000E+00	6.7239E+01
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.7860E+00	0.0000E+00	1.7860E+00
(PGRAMS PER CU. METER OF AIR)	8.4049E-01	0.0000E+00	8.4049E-01
LENGTH µm	0.2500	0.0000	0.2500
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-1.3863	0.0000	-1.3863
GEOM MN	0.2500	0.0000	0.2500
COEF VAR	0.0000	0.0000	0.0000
DIAMETER µm	0.0200	0.0000	0.0200
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-3.9120	0.0000	-3.9120
GEOM MN	0.0200	0.0000	0.0200
COEF VAR	0.0000	0.0000	0.0000
AREA SQ µm	0.0163	0.0000	0.0163
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-4.1144	0.0000	-4.1144
GEOM MN	0.0163	0.0000	0.0163
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU µm	0.0001	0.0000	0.0001
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-9.4519	0.0000	-9.4519
GEOM MN	0.0001	0.0000	0.0001
COEF VAR	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A100

Century City  
10/18/81  
(Sunday)

TOTAL AREA SCANNED = 182476.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.157000 CUBIC METERS  
TOTAL FIBERS COUNTED = 10.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	7.0	0.0	3.0	0.0	10.0
PERCENT TOTAL FIBERS	70.000%	0.000%	30.000%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	4.8335E+04	0.0000E+00	2.0715E+04	0.0000E+00	6.9050E+04
(FIBERS PER CU. METER OF AIR)	1.5310E+04	0.0000E+00	6.5616E+03	0.0000E+00	2.1872E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.6330E+04	0.0000E+00	2.7669E+03	0.0000E+00	0.0000E+00
(SQ µm PER CU. METER OF AIR)	5.1727E+03	0.0000E+00	8.7644E+02	0.0000E+00	0.0000E+00
MASS CONCENTRATION (µGRAMS PER SQ CM OF FILTER)	1.4392E+03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(µGRAMS PER CU. METER OF AIR)	4.5588E+02	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 1.3143 STD DEV 1.2357 MEAN LOG -0.1037 GEOM MN 0.9015 COEF VAR 1.2909	0.0000 0.0000 0.0000 0.0000 0.0000	0.9667 0.7318 -0.3054 0.7368 1.0300	0.0000 0.0000 0.0000 0.0000 0.0000	1.2100 1.1202 -0.1642 0.8485 1.2334
DIAMETER µm	MEAN 0.0657 STD DEV 0.0602 MEAN LOG -3.0485 GEOM MN 0.0474 COEF VAR 1.1306	0.0000 0.0000 0.0000 0.0000 0.0000	0.0367 0.0189 -3.5322 0.0292 1.1355	0.0000 0.0000 0.0000 0.0000 0.0000	0.0570 0.0531 -3.1936 0.0410 1.2009
AREA SQ µm	MEAN 0.3379 STD DEV 0.4509 MEAN LOG -1.9756 GEOM MN 0.1387 COEF VAR 2.9142	0.0000 0.0000 0.0000 0.0000 0.0000	0.1336 0.1321 -2.6652 0.0696 2.4020	0.0000 0.0000 0.0000 0.0000 0.0000	0.2766 0.3954 -2.1825 0.1120 2.9012
VOLUME CU µm	MEAN 0.0115 STD DEV 0.0225 MEAN LOG -6.4423 GEOM MN 0.0016 COEF VAR 6.6963	0.0000 0.0000 0.0000 0.0000 0.0000	0.0016 0.0017 -7.6114 0.0005 5.7412	0.0000 0.0000 0.0000 0.0000 0.0000	0.0085 0.0194 -6.7930 0.0011 6.9436

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 102476.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.157000 CUBIC METERS  
TOTAL FIBERS COUNTED = 10.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	7.0	0.0	7.0
PERCENT TOTAL FIBERS	70.000%	0.000%	70.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	4.8335E+04	0.0000E+00	4.8335E+04
(FIBERS PER CU. METER OF AIR)	1.5310E+04	0.0000E+00	1.5310E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.6330E+04	0.0000E+00	1.6330E+04
(SQ µm PER CU. METER OF AIR)	5.1727E+03	0.0000E+00	5.1727E+03
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.4392E+03	0.0000E+00	1.4392E+03
(PGRAMS PER CU. METER OF AIR)	4.5588E+02	0.0000E+00	4.5588E+02
LENGTH µm	1.3143	0.0000	1.3143
STD DEV	1.2357	0.0000	1.2357
MEAN LOG	-0.1037	0.0000	-0.1037
GEOM MN	0.9015	0.0000	0.9015
COEF VAR	1.2989	0.0000	1.2989
DIAMETER µm	0.0657	0.0000	0.0657
STD DEV	0.0602	0.0000	0.0602
MEAN LOG	-3.0485	0.0000	-3.0485
GEOM MN	0.0474	0.0000	0.0474
COEF VAR	1.1306	0.0000	1.1306
AREA SQ µm	0.3379	0.0000	0.3379
STD DEV	0.4509	0.0000	0.4509
MEAN LOG	-1.9756	0.0000	-1.9756
GEOM MN	0.1387	0.0000	0.1387
COEF VAR	2.9142	0.0000	2.9142
VOLUME CU µm	0.0115	0.0000	0.0115
STD DEV	0.0225	0.0000	0.0225
MEAN LOG	-6.4423	0.0000	-6.4423
GEOM MN	0.0016	0.0000	0.0016
COEF VAR	6.6963	0.0000	6.6963

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A102

Century City  
10/18/81  
(Sunday)

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 1.335000 CUBIC METERS  
TOTAL FIBERS COUNTED = 15.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	7.0	3.0	5.0	0.0	15.0
PERCENT TOTAL FIBERS	46.667%	20.000%	33.333%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	6.1224E+04	2.6239E+04	4.3732E+04	0.0000E+00	1.3120E+05
(FIBERS PER CU. METER OF AIR)	4.5861E+04	1.9655E+04	3.2758E+04	0.0000E+00	9.0274E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.2336E+04	2.1192E+04	1.1078E+04	0.0000E+00	0.0000E+00
(SQ µM PER CU. METER OF AIR)	9.2405E+03	1.5874E+04	0.2978E+03	0.0000E+00	0.0000E+00
MASS CONCENTRATION (OGRAMS PER SQ CM OF FILTER)	6.7664E+02	2.7872E+03			
(PGRAMS PER CU. METER OF AIR)	5.0685E+02	2.0078E+03			
LENGTH µM	MEAN 0.8214	1.4000	0.6800	0.0000	0.8900
STD DEV 0.4341	1.0677	0.2815	0.0000	0.0000	0.6346
MEAN LOG -0.3139	0.0495	-0.4399	0.0000	0.0000	-0.2832
GEOM MN 0.7306	1.0507	0.6441	0.0000	0.0000	0.7534
COEF VAR 0.6018	1.1024	0.3050	0.0000	0.0000	0.6977
DIAMETER µM	MEAN 0.0757	0.1500	0.1020	0.0000	0.0993
STD DEV 0.0354	0.0408	0.0407	0.0000	0.0000	0.0474
MEAN LOG -2.6726	-1.9364	-2.3603	0.0000	0.0000	-2.4239
GEOM MN 0.0691	0.1442	0.0936	0.0000	0.0000	0.0886
COEF VAR 0.5070	0.3289	0.5239	0.0000	0.0000	0.6175
AREA SQ µM	MEAN 0.2015	0.8077	0.2533	0.0000	0.3400
STD DEV 0.1001	0.7618	0.1694	0.0000	0.0000	0.4316
MEAN LOG -1.7805	-0.6641	-1.5003	0.0000	0.0000	-1.4969
GEOM MN 0.1672	0.5147	0.2043	0.0000	0.0000	0.2238
COEF VAR 0.9193	1.5039	0.9156	0.0000	0.0000	1.2933
VOLUME CU µM	MEAN 0.0043	0.0354	0.0073	0.0000	0.0115
STD DEV 0.0038	0.0394	0.0069	0.0000	0.0000	0.0219
MEAN LOG -5.9007	-4.0649	-5.4100	0.0000	0.0000	-5.3726
GEOM MN 0.0027	0.0172	0.0044	0.0000	0.0000	0.0046
COEF VAR 1.6630	2.2819	1.0216	0.0000	0.0000	2.4896

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM  
TOTAL AREA ASHED = 12.600 SQ CM

TOTAL VOLUME OF AIR = 1.335000 CUBIC METERS  
TOTAL FIBERS COUNTED = 15.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	7.0	0.0	7.0
PERCENT TOTAL FIBERS	46.667%	0.000%	46.667%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	6.1224E+04	0.0000E+00	6.1224E+04
(FIBERS PER CU. METER OF AIR)	4.5861E+04	0.0000E+00	4.5861E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.2336E+04	0.0000E+00	1.2336E+04
(SQ µm PER CU. METER OF AIR)	9.2405E+03	0.0000E+00	9.2405E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	6.7664E+02	0.0000E+00	6.7664E+02
(GRAMS PER CU. METER OF AIR)	5.0685E+02	0.0000E+00	5.0685E+02
LENGTH µm	0.8214	0.0000	0.8214
STD DEV	0.4341	0.0000	0.4341
MEAN LOG	-0.3139	0.0000	-0.3139
GEOM MN	0.7306	0.0000	0.7306
COEF VAR	0.6018	0.0000	0.6018
DIAMETER µm	0.0757	0.0000	0.0757
STD DEV	0.0354	0.0000	0.0354
MEAN LOG	-2.6726	0.0000	-2.6726
GEOM MN	0.0691	0.0000	0.0691
COEF VAR	0.5070	0.0000	0.5070
AREA SQ µm	0.2015	0.0000	0.2015
STD DEV	0.1081	0.0000	0.1081
MEAN LOG	-1.7085	0.0000	-1.7085
GEOM MN	0.1672	0.0000	0.1672
COEF VAR	0.9193	0.0000	0.9193
VOLUME CU µm	0.0043	0.0000	0.0043
STD DEV	0.0038	0.0000	0.0038
MEAN LOG	-5.9007	0.0000	-5.9007
GEOM MN	0.0027	0.0000	0.0027
COEF VAR	1.6638	0.0000	1.6638

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A41

Century City  
 10/19/81  
 (Monday)

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 0.945660 CUBIC METERS  
 TOTAL FIBERS COUNTED = 20.0 FIBERS

	CHRYSTOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	6.0	0.0	11.0	3.0	20.0
PERCENT TOTAL FIBERS	30.000%	0.000%	55.000%	15.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.2470E+04	0.0000E+00	9.6210E+04	2.6239E+04	1.7493E+05
(FIBERS PER CU METER OF AIR)	5.5532E+04	0.0000E+00	1.0101E+05	2.7766E+04	1.0511E+05
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	9.0360E+03	0.0000E+00	7.1744E+03	3.0363E+03	0.0000E+00
(SQ $\mu$ M PER CU METER OF AIR)	9.5619E+03	0.0000E+00	7.5919E+03	3.2130E+03	0.0000E+00
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	3.5960E+02	0.0000E+00			
(PGRAMS PER CU METER OF AIR)	3.7100E+02	0.0000E+00			
LENGTH $\mu$ M	MEAN 1.0833 STD DEV 0.4561 MEAN LOG -0.0466 GEOM MN 0.9545 COEF VAR 0.7542	0.0000 0.0000 0.0000 0.0000 0.0000	0.6000 0.2449 -0.6018 0.5478 0.5492	0.6667 0.2357 -0.4621 0.6300 0.3865	0.7550 0.3879 -0.4143 0.6608 0.6917
DIAMETER $\mu$ M	MEAN 0.0450 STD DEV 0.0243 MEAN LOG -3.2998 GEOM MN 0.0369 COEF VAR 1.0621	0.0000 0.0000 0.0000 0.0000 0.0000	0.0364 0.0182 -3.4458 0.0319 0.7069	0.0533 0.0287 -3.1052 0.0448 0.8569	0.0415 0.0229 -3.6509 0.0351 0.8434
AREA SQ $\mu$ M	MEAN 0.1722 STD DEV 0.1279 MEAN LOG -2.1776 GEOM MN 0.1133 COEF VAR 1.7527	0.0000 0.0000 0.0000 0.0000 0.0000	0.0746 0.0530 -2.8691 0.0568 1.1200	0.1157 0.0592 -2.3790 0.0926 1.1108	0.1100 0.0940 -2.5881 0.0752 1.4304
VOLUME CU $\mu$ M	MEAN 0.0026 STD DEV 0.0025 MEAN LOG -6.8879 GEOM MN 0.0010 COEF VAR 4.1750	0.0000 0.0000 0.0000 0.0000 0.0000	0.0008 0.0009 -7.7350 0.0004 2.4065	0.0018 0.0012 -6.9141 0.0010 2.7402	0.0015 0.0010 -7.3577 0.0006 3.2183

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A41

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.945000 CUBIC METERS  
TOTAL FIBERS COUNTED = 20.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	6.0	0.0	6.0
PERCENT TOTAL FIBERS	30.000%	0.000%	30.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU. METER OF AIR)	5.2478E+04 5.5532E+04	0.0000E+00 0.0000E+00	5.2478E+04 5.5532E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER) (SQ µm PER CU. METER OF AIR)	9.0360E+03 9.5619E+03	0.0000E+00 0.0000E+00	9.0360E+03 9.5619E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER) (GRAMS PER CU. METER OF AIR)	3.5060E+02 3.7100E+02	0.0000E+00 0.0000E+00	3.5060E+02 3.7100E+02
LENGTH µm	MEAN 1.0833 STD DEV 0.4561 MEAN LOG -0.0466 GEOM MN 0.9545 COEF VAR 0.7542	0.0000 0.0000 0.0000 0.0000 0.0000	1.0833 0.4561 -0.0466 0.9545 0.7542
DIAMETER µm	MEAN 0.0450 STD DEV 0.0243 MEAN LOG -3.2998 GEOM MN 0.0369 COEF VAR 1.0021	0.0000 0.0000 0.0000 0.0000 0.0000	0.0450 0.0243 -3.2998 0.0369 1.0021
AREA SQ µm	MEAN 0.1722 STD DEV 0.1279 MEAN LOG -2.1776 GEOM MN 0.1133 COEF VAR 1.7527	0.0000 0.0000 0.0000 0.0000 0.0000	0.1722 0.1279 -2.1776 0.1133 1.7527
VOLUME CU µm	MEAN 0.0026 STD DEV 0.0025 MEAN LOG -6.8879 GEOM MN 0.0010 COEF VAR 4.1750	0.0000 0.0000 0.0000 0.0000 0.0000	0.0026 0.0025 -6.8879 0.0010 4.1750

SAI SAMPLE ID: A104  
 Century City  
 10/19/81  
 (Monday)

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 144060.00 SQ µm  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 1.064000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 5.0 FIBERS

	CHRYSTOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	0.0	4.0	1.0	5.0
PERCENT TOTAL FIBERS	0.000%	0.000%	80.000%	20.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	3.4905E+04	8.7464E+03	4.3732E+04
(FIBERS PER CU. METER OF AIR)	0.0000E+00	0.0000E+00	3.2801E+04	8.2203E+03	4.1101E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	1.7311E+04	6.5946E+03	6.6600E+00
(SQ µm PER CU. METER OF AIR)	0.0000E+00	0.0000E+00	1.6270E+04	6.1979E+03	6.0000E+00
MASS CONCENTRATION (µGRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00	0.2000	0.1600
(µGRAMS PER CU. METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000	0.0800
LENGTH µm	0.0000	0.0000	0.0250	1.1000	0.8800
MEAN	0.0000	0.0000	0.3345	0.0000	0.3187
STD DEV	0.0000	0.0000	-0.2874	0.0953	-0.2108
MEAN LOG	0.0000	0.0000	0.7502	1.1000	0.8099
GEOM MN	0.0000	0.0000	0.5694	0.0000	0.5391
COEF VAR	0.0000	0.0000	0.1500	0.2000	0.1600
DIAMETER µm	0.0000	0.0000	0.0806	0.0000	0.0800
MEAN	0.0000	0.0000	-2.6279	-1.6094	-1.9442
STD DEV	0.0000	0.0000	0.1316	0.2000	0.1431
MEAN LOG	0.0000	0.0000	0.6092	0.0000	0.5797
GEOM MN	0.0000	0.0000	0.4948	0.7540	0.5466
COEF VAR	0.0000	0.0000	0.4568	0.0000	0.4208
AREA SQ µm	0.0000	0.0000	-1.0006	-0.2824	-0.9209
MEAN	0.0000	0.0000	0.3394	0.7540	0.3982
STD DEV	0.0000	0.0000	1.3001	0.0000	1.2491
MEAN LOG	0.0000	0.0000	0.0253	0.0346	0.0272
GEOM MN	0.0000	0.0000	0.0344	0.0000	0.0310
COEF VAR	0.0000	0.0000	-4.5848	-3.3651	-4.3409
VOLUME CU µm	0.0000	0.0000	0.0102	0.0346	0.0130
MEAN	0.0000	0.0000	2.5769	0.0000	2.4555
STD DEV	0.0000	0.0000			
MEAN LOG	0.0000	0.0000			
GEOM MN	0.0000	0.0000			
COEF VAR	0.0000	0.0000			

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 1.064000 CUBIC METERS  
TOTAL FIBERS COUNTED = 5.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(SQ $\mu$ M PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU $\mu$ M	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A44

Century City  
 10/19/81  
 (Monday)

TOTAL AREA SCANNED = 144060.00 SQ µm  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 2.545000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 5.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	0.0	3.0	2.0	5.0
PERCENT TOTAL FIBERS	0.000%	0.000%	60.000%	40.000%	100.000%
FIBER CONCENTRATION					
(FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	2.6239E+04	1.7493E+04	4.3732E+04
(FIBERS PER CU. METER OF AIR)	0.0000E+00	0.0000E+00	1.0310E+04	6.0734E+03	1.7143E+04
TOTAL SURFACE AREA					
(SQ µm PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	1.1725E+04	3.7232E+04	0.0000E+00
(SQ µm PER CU. METER OF AIR)	0.0000E+00	0.0000E+00	4.6069E+03	1.4629E+04	0.0000E+00
MASS CONCENTRATION					
(COGRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(COGRAMS PER CU. METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm					
MEAN	0.0000	0.0000	0.6333	1.9000	1.1400
STD DEV	0.0000	0.0000	0.2055	0.4000	0.6000
MEAN LOG	0.0000	0.0000	-0.5100	0.6192	-0.0500
GEOM MN	0.0000	0.0000	0.6000	1.0574	0.9429
COEF VAR	0.0000	0.0000	0.3924	0.2383	0.0601
DIAMETER µm					
MEAN	0.0000	0.0000	0.1733	0.3500	0.2440
STD DEV	0.0000	0.0000	0.0759	0.1500	0.1412
MEAN LOG	0.0000	0.0000	-1.0850	-1.1513	-1.5915
GEOM MN	0.0000	0.0000	0.1510	0.3162	0.2036
COEF VAR	0.0000	0.0000	0.7420	0.5811	0.0792
AREA SQ µm					
MEAN	0.0000	0.0000	0.4460	2.1284	1.1195
STD DEV	0.0000	0.0000	0.2096	0.6205	0.9397
MEAN LOG	0.0000	0.0000	-1.1284	0.7110	-0.3926
GEOM MN	0.0000	0.0000	0.3236	2.0360	0.6753
COEF VAR	0.0000	0.0000	1.4505	0.3502	2.1606
VOLUME CU µm					
MEAN	0.0000	0.0000	0.0215	0.1634	0.0063
STD DEV	0.0000	0.0000	0.0175	0.1111	0.1068
MEAN LOG	0.0000	0.0000	-4.5224	-1.9250	-3.4834
GEOM MN	0.0000	0.0000	0.0109	0.1459	0.0307
COEF VAR	0.0000	0.0000	3.1569	1.0109	4.7088

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.545000 CUBIC METERS  
TOTAL FIBERS COUNTED = 5.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(SQ µM PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU µm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A45

Century City  
10/19/81  
(Monday)

TOTAL AREA SCANNED = 144069.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.934000 CUBIC METERS  
TOTAL FIBERS COUNTED = 7.0 FIBERS

FIBER COUNT  
(FIBERS)

PERCENT TOTAL FIBERS

FIBER CONCENTRATION  
(FIBERS PER SQ CM OF FILTER)  
(FIBERS PER CU METER OF AIR)

TOTAL SURFACE AREA  
(SQ µM PER SQ CM OF FILTER)  
(SQ µM PER CU METER OF AIR)

MASS CONCENTRATION  
(PGRAMS PER SQ CM OF FILTER)  
(PGRAMS PER CU METER OF AIR)

LENGTH  
µm

DIAMETER  
µm

AREA  
SQ µm

VOLUME  
CU µm

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NO PATTERN	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	3.0	1.0	2.0		1.0	7.0
PERCENT TOTAL FIBERS	42.857%	14.286%	28.571%		14.286%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	2.6239E+04	8.7464E+03	1.7493E+04		8.7464E+03	6.1224E+04
(FIBERS PER CU METER OF AIR)	2.8093E+04	9.3644E+03	1.8729E+04		9.3644E+03	6.5551E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	8.6540E+03	1.0304E+04	5.4004E+03		1.0304E+04	9.0000E+00
(SQ µM PER CU METER OF AIR)	9.2656E+03	1.1032E+04	5.8676E+03		1.1032E+04	9.0000E+00
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	5.8761E+02	2.0402E+03				
(PGRAMS PER CU METER OF AIR)	6.2913E+02	2.1844E+03				
LENGTH µm	1.1333	1.1000	0.8000		1.1000	1.0286
STD DEV	0.1247	0.0000	0.4000		0.0000	0.2711
MEAN LOG	0.1192	0.0953	-0.3670		0.0953	-0.0265
GEOM MN	1.1266	1.1000	0.6928		1.1000	0.9738
COEF VAR	0.1145	0.0000	0.7321		0.0000	0.4493
DIAMETER µm	0.0900	0.3000	0.0850		0.3000	0.1406
STD DEV	0.0432	0.0000	0.0650		0.0000	0.1958
MEAN LOG	-2.5174	-1.2040	-2.9046		-1.2040	-2.2527
GEOM MN	0.0807	0.3000	0.0548		0.3000	0.1051
COEF VAR	0.5834	0.0000	1.7386		0.0000	1.5090
AREA SQ µm	0.3298	1.1781	0.3133		1.1781	0.5675
STD DEV	0.1505	0.0000	0.2875		0.0000	0.4205
MEAN LOG	-1.2136	0.1639	-2.0842		0.1639	-1.0688
GEOM MN	0.2971	1.1781	0.1244		1.1781	0.3434
COEF VAR	0.5553	0.0000	3.0294		0.0000	2.4448
VOLUME CU µm	0.0086	0.0778	0.0107		0.0778	0.0290
STD DEV	0.0077	0.0000	0.0105		0.0000	0.0318
MEAN LOG	-5.1571	-2.5542	-6.4177		-2.5542	-4.7736
GEOM MN	0.0058	0.0778	0.0016		0.0778	0.0085
COEF VAR	1.4023	0.0000	11.9904		0.0000	7.2451

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.934000 CUBIC METERS  
TOTAL FIBERS COUNTED = 7.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	3.0	0.0	3.0
PERCENT TOTAL FIBERS	42.857%	0.000%	42.857%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	2.6239E+04	0.0000E+00	2.6239E+04
(FIBERS PER CU METER OF AIR)	2.8093E+04	0.0000E+00	2.8093E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	8.6540E+03	0.0000E+00	8.6540E+03
(SQ µM PER CU METER OF AIR)	9.2656E+03	0.0000E+00	9.2656E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	5.8761E+02	0.0000E+00	5.8761E+02
(GRAMS PER CU METER OF AIR)	6.2913E+02	0.0000E+00	6.2913E+02
LENGTH µm	1.1333	0.0000	1.1333
STD DEV	0.1247	0.0000	0.1247
MEAN LOG	0.1192	0.0000	0.1192
GEOM MN	1.1266	0.0000	1.1266
COEF VAR	0.1145	0.0000	0.1145
DIAMETER µm	0.0900	0.0000	0.0900
STD DEV	0.0432	0.0000	0.0432
MEAN LOG	-2.5174	0.0000	-2.5174
GEOM MN	0.0807	0.0000	0.0807
COEF VAR	0.5834	0.0000	0.5834
AREA SQ µm	0.3290	0.0000	0.3290
STD DEV	0.1505	0.0000	0.1505
MEAN LOG	-1.2136	0.0000	-1.2136
GEOM MN	0.2971	0.0000	0.2971
COEF VAR	0.5553	0.0000	0.5553
VOLUME CU µm	0.0086	0.0000	0.0086
STD DEV	0.0077	0.0000	0.0077
MEAN LOG	-5.1571	0.0000	-5.1571
GEOM MN	0.0058	0.0000	0.0058
COEF VAR	1.4023	0.0000	1.4023

## 6.0 SAN FERNANDO VALLEY

SAI SAMPLE ID: A47

San Fernando  
Valley  
10/20/81

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 1.837000 CUBIC METERS  
TOTAL FIBERS COUNTED = 12.6 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	3.0	1.0	5.0	3.0	12.0
PERCENT TOTAL FIBERS	25.000%	8.333%	41.667%	25.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	2.6239E+04	8.7464E+03	4.3732E+04	2.6239E+04	1.0496E+05
(FIBERS PER CU METER OF AIR)	1.4204E+04	4.7612E+03	2.3806E+04	1.4204E+04	5.7135E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	2.7052E+03	1.4068E+03	3.6449E+03	6.0739E+03	0.0000E+00
(SQ µm PER CU METER OF AIR)	1.4726E+03	7.6584E+02	1.9042E+03	3.3064E+03	0.0000E+00
MASS CONCENTRATION (MICROGRAMS PER SQ CM OF FILTER)	7.7157E+01	7.9135E+01			
(MICROGRAMS PER CU METER OF AIR)	4.2002E+01	4.3078E+01			
LENGTH µm	MEAN 0.0667 STD DEV 0.0471 NEAN LOG -0.1446 GEOM MN 0.0653 COEF VAR 0.0571	0.6000 0.0000 -0.5108 0.6000 0.0000	0.4500 0.1000 -0.8245 0.4304 0.2609	1.0333 0.0943 0.0204 1.0208 0.0992	0.7125 0.2615 -0.4152 0.6602 0.4903
DIAMETER µm	MEAN 0.0367 STD DEV 0.0170 NEAN LOG -3.4107 GEOM MN 0.0330 COEF VAR 0.5740	0.0800 0.0000 -2.5257 0.0800 0.0000	0.0500 0.0310 -3.2010 0.0407 0.9154	0.0700 0.0424 -3.0701 0.0464 1.9608	0.0542 0.0335 -3.1644 0.0422 1.1331
AREA (SQ µm)	MEAN 0.1031 STD DEV 0.0517 NEAN LOG -2.3898 GEOM MN 0.0917 COEF VAR 0.6066	0.1608 0.0000 -1.8273 0.1608 0.0000	0.0833 0.0619 -2.0302 0.0590 1.3944	0.2315 0.1415 -1.0626 0.1553 1.0924	0.1318 0.1049 -2.3946 0.0912 1.4903
VOLUME CU µm <sup>3</sup>	MEAN 0.0011 STD DEV 0.0010 NEAN LOG -7.2075 GEOM MN 0.0007 COEF VAR 1.5022	0.0030 0.0000 -5.8038 0.0030 0.0000	0.0014 0.0015 -7.4680 0.0006 3.4689	0.0053 0.0037 -6.3534 0.0017 7.3744	0.0024 0.0027 -6.9856 0.0009 4.0134

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A47

TOTAL AREA SCANNED = 144060.00 SQ µm  
 TOTAL AREA OF FILTER = 12.600 SQ CM  
 TOTAL AREA ASHED = 12.600 SQ CM

TOTAL VOLUME OF AIR = 1.837000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 12.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	3.0	0.0	3.0
PERCENT TOTAL FIBERS	25.000%	0.000%	25.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	2.6239E+04	0.0000E+00	2.6239E+04
(FIBERS PER CU METER OF AIR)	1.4284E+04	0.0000E+00	1.4284E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	2.7052E+03	0.0000E+00	2.7052E+03
(SQ µm PER CU METER OF AIR)	1.4726E+03	0.0000E+00	1.4726E+03
MASS CONCENTRATION (µGRAMS PER SQ CM OF FILTER)	7.7157E+01	0.0000E+00	7.7157E+01
(µGRAMS PER CU METER OF AIR)	4.2002E+01	0.0000E+00	4.2002E+01
LENGTH µm	MEAN 0.8667	0.0000	0.8667
STD DEV 0.0471	0.0000	0.0471	0.0471
MEAN LOG -0.1446	0.0000	-0.1446	-0.1446
GEOM MN 0.8653	0.0000	0.8653	0.8653
COEF VAR 0.0571	0.0000	0.0571	0.0571
DIAMETER µm	MEAN 0.8367	0.0000	0.8367
STD DEV 0.0170	0.0000	0.0170	0.0170
MEAN LOG -3.4107	0.0000	-3.4107	-3.4107
GEOM MN 0.6330	0.0000	0.6330	0.6330
COEF VAR 0.5740	0.0000	0.5740	0.5740
AREA SQ µm	MEAN 0.1031	0.0000	0.1031
STD DEV 0.0517	0.0000	0.0517	0.0517
MEAN LOG -2.3898	0.0000	-2.3898	-2.3898
GEOM MN 0.0917	0.0000	0.0917	0.0917
COEF VAR 0.6066	0.0000	0.6066	0.6066
VOLUME CU µm	MEAN 0.0011	0.0000	0.0011
STD DEV 0.0010	0.0000	0.0010	0.0010
MEAN LOG -7.2075	0.0000	-7.2075	-7.2075
GEOM MN 0.0007	0.0000	0.0007	0.0007
COEF VAR 1.5022	0.0000	1.5022	1.5022

SAI SAMPLE ID: A48

San Fernando  
Valley  
10/20/81

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.782000 CUBIC METERS  
TOTAL FIBERS COUNTED = 16.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	9.0	0.0	4.0	3.0	16.0
PERCENT TOTAL FIBERS	56.250%	0.000%	25.000%	18.750%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	7.8717E+04	0.0000E+00	3.4985E+04	2.6239E+04	1.3994E+05
(FIBERS PER CU METER OF AIR)	2.8295E+04	0.0000E+00	1.2576E+04	9.4317E+03	5.0303E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.7426E+04	0.0000E+00	1.1060E+04	1.2159E+04	0.0000E+00
(SQ µM PER CU METER OF AIR)	6.2639E+03	0.0000E+00	3.9754E+03	4.3705E+03	0.0000E+00
MASS CONCENTRATION (MICROGRAMS PER SQ CM OF FILTER)	1.5638E+03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(MICROGRAMS PER CU METER OF AIR)	5.6210E+02	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 0.6222 STD DEV 0.3441 MEAN LOG -0.6004 GEOM MN 0.5442 COEF VAR 0.6573	0.0000 0.0000 0.0000 0.0000 0.0000	0.7250 0.3832 -0.4845 0.6160 0.8006	1.0333 0.0471 0.0318 1.0323 0.0460	0.7250 0.3571 -0.4574 0.6330 0.7107
DIAMETER µm	MEAN 0.0800 STD DEV 0.0556 MEAN LOG -2.7444 GEOM MN 0.0643 COEF VAR 0.9283	0.0000 0.0000 0.0000 0.0000 0.0000	0.1000 0.0612 -2.4759 0.0841 0.7766	0.1333 0.0236 -2.0323 0.1310 0.2106	0.6950 0.0565 -2.5430 0.0786 0.8094
AREA SQ µm	MEAN 0.2214 STD DEV 0.2062 MEAN LOG -2.1439 GEOM MN 0.1172 COEF VAR 1.8804	0.0000 0.0000 0.0000 0.0000 0.0000	0.3161 0.3096 -1.7483 0.1741 2.1348	0.4634 0.0964 -0.7934 0.4523 0.2537	0.2994 0.2832 -1.7918 0.1667 2.0214
VOLUME CU µm	MEAN 0.0076 STD DEV 0.0138 MEAN LOG -6.3388 GEOM MN 0.0018 COEF VAR 4.3562	0.0000 0.0000 0.0000 0.0000 0.0000	0.0117 0.0153 -5.6778 0.0034 4.5342	0.0150 0.0051 -4.2743 0.0139 0.5017	0.0100 0.0134 -5.7864 0.0031 4.5715

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.782000 CUBIC METERS  
TOTAL FIBERS COUNTED = 16.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	9.0	0.0	9.0
PERCENT TOTAL FIBERS	56.250%	0.000%	56.250%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU METER OF AIR)	7.0717E+04 2.8295E+04	0.0000E+00 0.0000E+00	7.0717E+04 2.8295E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER) (SQ µM PER CU METER OF AIR)	1.7426E+04 6.2639E+03	0.0000E+00 0.0000E+00	1.7426E+04 6.2639E+03
MASS CONCENTRATION (CGRAMS PER SQ CM OF FILTER) (CGRAMS PER CU METER OF AIR)	1.5630E+03 5.6210E+02	0.0000E+00 0.0000E+00	1.5630E+03 5.6210E+02
LENGTH µm	MEAN 0.6222 STD DEV 0.3441 MEAN LOG -0.6004 GEOM MN 0.5442 COEF VAR 0.6573	0.0000 0.0000 0.0000 0.0000 0.0000	0.6222 0.3441 -0.6004 0.5442 0.6573
DIAMETER µm	MEAN 0.0800 STD DEV 0.0556 MEAN LOG -2.7444 GEOM MN 0.0643 COEF VAR 0.9203	0.0000 0.0000 0.0000 0.0000 0.0000	0.0800 0.0556 -2.7444 0.0643 0.9203
AREA SQ µm	MEAN 0.2214 STD DEV 0.2062 MEAN LOG -2.1439 GEOM MN 0.1172 COEF VAR 1.8004	0.0000 0.0000 0.0000 0.0000 0.0000	0.2214 0.2062 -2.1439 0.1172 1.8004
VOLUME CU µm	MEAN 0.0076 STD DEV 0.0138 MEAN LOG -6.3308 GEOM MN 0.0018 COEF VAR 4.3562	0.0000 0.0000 0.0000 0.0000 0.0000	0.0076 0.0138 -6.3308 0.0018 4.3562

SAI SAMPLE ID: A64

San Fernando  
Valley  
10/20/81

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.732000 CUBIC METERS  
TOTAL FIBERS COUNTED = 12.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	7.0	0.0	5.0	0.0	12.0
PERCENT TOTAL FIBERS	58.333%	0.000%	41.667%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	6.1224E+04	0.0000E+00	4.3732E+04	0.0000E+00	1.0496E+05
(FIBERS PER CU METER OF AIR)	1.6405E+04	0.0000E+00	1.1718E+04	0.0000E+00	2.8123E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	8.3930E+03	0.0000E+00	2.5472E+03	0.0000E+00	0.0000E+00
(SQ µM PER CU METER OF AIR)	2.2409E+03	0.0000E+00	6.8252E+02	0.0000E+00	0.0000E+00
MASS CONCENTRATION (COGRAMS PER SQ CM OF FILTER)	1.6985E+02	0.0000E+00	0.7000	0.0000	0.0000
(COGRAMS PER CU METER OF AIR)	4.5512E+01	0.0000E+00	0.2315	0.0000	1.7376
LENGTH µM	1.0286	0.0000	-0.2931	0.0000	-0.0472
MEAN	2.1631	0.0000	0.7460	0.0000	0.9539
STD DEV	0.1285	0.0000	0.3491	0.0000	1.0921
MEAN LOG	1.1371	0.0000	0.0240	0.0000	0.0292
GEOM MN	1.4406	0.0000	0.6102	0.0000	0.0225
COEF VAR	0.6329	0.0000	-3.8309	0.0000	-3.7103
DIAMETER µm	0.0276	0.0000	0.0217	0.0000	0.0245
MEAN	-3.6242	0.0000	0.5959	0.0000	0.7017
STD DEV	0.0267	0.0000	0.0582	0.0000	0.1042
MEAN LOG	0.7461	0.0000	0.0256	0.0000	0.1073
GEOM MN	0.1371	0.0000	-2.9619	0.0000	-2.5905
COEF VAR	0.1291	0.0000	0.0517	0.0000	0.0750
AREA SQ µM	-2.3252	0.0000	0.6753	0.0000	1.1329
MEAN	1.2041	0.0000	0.0004	0.0000	0.0008
STD DEV	0.0011	0.0000	0.0002	0.0000	0.0009
MEAN LOG	0.0011	0.0000	-0.1965	0.0000	-7.7094
GEOM MN	-7.3615	0.0000	0.0003	0.0000	0.0004
COEF VAR	0.0006	0.0000	1.5443	0.0000	1.9321

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
 TOTAL AREA OF FILTER = 12.600 SQ CM  
 TOTAL AREA ASHED = 12.600 SQ CM

TOTAL VOLUME OF AIR = 3.732000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 12.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	6.0	1.0	7.0
PERCENT TOTAL FIBERS	50.000%	8.333%	58.333%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.2478E+04	8.7464E+03	6.1224E+04
(FIBERS PER CU METER OF AIR)	1.4062E+04	2.3436E+03	1.6405E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	4.5407E+03	3.8523E+03	8.3930E+03
(SQ µm PER CU METER OF AIR)	1.2167E+03	1.0322E+03	2.2489E+03
MASS CONCENTRATION (MICROGRAMS PER SQ CM OF FILTER)	1.1984E+02	5.0009E+01	1.6985E+02
(MICROGRAMS PER CU METER OF AIR)	3.2112E+01	1.3400E+01	4.5512E+01
LENGTH µm	MEAN 0.9667	7.0000	1.6286
STD DEV 0.5000	0.0000	2.1631	0.0000
MEAN LOG -0.1744	1.9459	0.1285	0.1285
GEOM MN 0.8399	7.0000	1.1371	1.1371
COEF VAR 0.7079	0.0000	1.4406	1.4406
DIAMETER µm	MEAN 0.0350	0.0200	0.0329
STD DEV 0.0293	0.0000	0.0276	0.0276
MEAN LOG -3.5762	-3.9120	-3.6242	-3.6242
GEOM MN 0.0280	0.0200	0.0267	0.0267
COEF VAR 0.8013	0.0000	0.7461	0.7461
AREA SQ µm	MEAN 0.0865	0.4405	0.1371
STD DEV 0.0394	0.0000	0.1291	0.1291
MEAN LOG -2.5761	-0.8200	-2.3252	-2.3252
GEOM MN 0.0761	0.4405	0.0978	0.0978
COEF VAR 0.7104	0.0000	1.2041	1.2041
VOLUME CU µm	MEAN 0.0009	0.0622	0.0011
STD DEV 0.0010	0.0000	0.0011	0.0011
MEAN LOG -7.5684	-6.1197	-7.3615	-7.3615
GEOM MN 0.0005	0.0022	0.0006	0.0006
COEF VAR 1.6487	0.0000	1.8130	1.8130

SAI SAMPLE ID: A65

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

San Fernando  
Valley  
10/20/31

TOTAL AREA SCANNED = 115269.09 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM  
AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.739000 CUBIC METERS  
TOTAL FIBERS COUNTED = 5.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	0.0	1.0	4.0	5.0
PERCENT TOTAL FIBERS	0.000%	0.000%	20.000%	80.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	1.0032E+04	4.3727E+04	5.4659E+04
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	2.9337E+03	1.1695E+04	1.4619E+04
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	1.7000E+04	6.1474E+04	0.0000E+00
(SQ µM PER CU METER OF AIR)	0.0000E+00	0.0000E+00	4.5467E+03	1.6441E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN	0.0000	1.5000	1.5000	1.5000
	STD DEV	0.0000	0.0000	1.2207	1.0918
	MEAN LOG	0.0000	0.4655	0.1367	0.1905
	GEOM MN	0.0000	1.5000	1.1465	1.2098
	COEF VAR	0.0000	0.0000	0.9837	0.8627
DIAMETER µm	MEAN	0.0000	0.3000	0.2500	0.2600
	STD DEV	0.0000	0.0000	0.0500	0.0490
	MEAN LOG	0.0000	-1.2040	-1.4967	-1.3662
	GEOM MN	0.0000	0.3000	0.2449	0.2551
	COEF VAR	0.0000	0.0000	0.2247	0.2197
AREA SQ µm	MEAN	0.0000	1.5551	1.4059	1.4357
	STD DEV	0.0000	0.0000	1.2523	1.1217
	MEAN LOG	0.0000	0.4415	-0.0121	0.0786
	GEOM MN	0.0000	1.5551	4.9880	1.0818
	COEF VAR	0.0000	0.0000	1.2393	1.1033
VOLUME CU µm	MEAN	0.0000	0.1060	0.0923	0.0950
	STD DEV	0.0000	0.0000	0.0958	0.0858
	MEAN LOG	0.0000	-2.2440	-2.9182	-2.7834
	GEOM MN	0.0000	0.1060	0.0540	0.0618
	COEF VAR	0.0000	0.0000	1.7755	1.5910

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 115260.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.739000 CUBIC METERS  
TOTAL FIBERS COUNTED = 5.9 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU METER OF AIR)	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER) (SQ µM PER CU METER OF AIR)	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00
MASS CONCENTRATION (COGRAMS PER SQ CM OF FILTER) (COGRAMS PER CU METER OF AIR)	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00
LENGTH µm	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000
DIAMETER µm	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000
AREA SQ µm	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000
VOLUME CU µm	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000	MEAN 0.0000 STD DEV 0.0000 MEAN LOG 0.0000 GEOM MN 0.0000 COEF VAR 0.0000

## 7.0 BAKERSFIELD

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A50

Bakersfield

12/21/81

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.747000 CUBIC METERS  
TOTAL FIBERS COUNTED = 26.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	0.0	5.0	21.0	26.0
PERCENT TOTAL FIBERS	0.000%	0.000%	19.231%	80.769%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	4.3732E+04	1.8367E+05	2.2741E+05
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	1.5920E+04	6.6063E+04	8.2703E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	5.6878E+04	2.6021E+05	0.0000E+00
(SQ µm PER CU METER OF AIR)	0.0000E+00	0.0000E+00	2.0706E+04	9.4726E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 0.0000	0.0000	1.6600	1.4476	1.4885
	STD DEV 0.0000	0.0000	0.8009	0.4924	0.5733
	MEAN LOG 0.0000	0.0000	0.3810	0.3136	0.3266
	GEOM MN 0.0000	0.0000	1.4638	1.3684	1.3062
	COEF VAR 0.0000	0.0000	0.6683	0.3973	0.4567
DIAMETER µm	MEAN 0.0000	0.0000	0.2400	0.2667	0.2615
	STD DEV 0.0000	0.0000	0.0490	0.1127	0.1041
	MEAN LOG 0.0000	0.0000	-1.4473	-1.4002	-1.4092
	GEOM MN 0.0000	0.0000	0.2352	0.2466	0.2443
	COEF VAR 0.0000	0.0000	0.2197	0.4760	0.4348
AREA SQ µm	MEAN 0.0000	0.0000	1.3006	1.4167	1.3944
	STD DEV 0.0000	0.0000	0.4949	1.0998	1.0130
	MEAN LOG 0.0000	0.0000	0.1674	0.1518	0.1548
	GEOM MN 0.0000	0.0000	1.1822	1.1440	1.1674
	COEF VAR 0.0000	0.0000	0.6023	0.7747	0.7428
VOLUME CU µm	MEAN 0.0000	0.0000	0.0726	0.1101	0.1029
	STD DEV 0.0000	0.0000	0.0309	0.1522	0.1382
	MEAN LOG 0.0000	0.0000	-2.7551	-2.7283	-2.7334
	GEOM MN 0.0000	0.0000	0.0636	0.0653	0.0650
	COEF VAR 0.0000	0.0000	0.7685	1.4962	1.3617

SAI SAMPLE ID: A50  
 FIBER AND MASS CONCENTRATION  
 ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ μm  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 2.747000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 26.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(SQ μm PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH μm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER μm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA (SQ μm)	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME (CUB μm)	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A51

Bakersfield  
10/21/81  
(SE Corner)

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM  
  
AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.770000 CUBIC METERS  
TOTAL FIBERS COUNTED = 22.0 FIBERS

	CHRYCOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	2.0	3.0	7.0	10.0	22.0
PERCENT TOTAL FIBERS	9.091%	13.636%	31.818%	45.455%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	2.6239E+04	6.1224E+04	8.7464E+04	1.9242E+05
(FIBERS PER CU. METER OF AIR)	6.3151E+03	9.4726E+03	2.2103E+04	3.1575E+04	6.9466E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	8.5180E+02	6.1412E+04	3.2131E+04	5.5691E+04	0.0000E+00
(SQ µm PER CU. METER OF AIR)	3.0751E+02	2.2170E+04	1.1600E+04	2.0105E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.9289E+01	2.0814E+04			
(GRAMS PER CU. METER OF AIR)	6.9636E+00	7.5142E+03			
LENGTH µm	MEAN 0.4500	1.6667	1.2000	1.0500	1.1273
STD DEV 0.1500	1.6499	0.8832	0.5315	0.5315	0.9141
MEAN LOG -0.0574	-0.0000	-0.0568	-0.0521	-0.0521	-0.1197
GEOM MN 0.4243	1.0000	0.9448	0.9492	0.9492	0.8072
COEF VAR 0.4142	1.6651	0.9583	0.5422	0.5422	0.9203
DIAMETER µm	MEAN 0.0300	0.2333	0.0986	0.1660	0.1414
STD DEV 0.0100	0.1886	0.0640	0.0762	0.0762	0.1093
MEAN LOG -3.5654	-1.7661	-2.5626	-1.9024	-1.9024	-2.2451
GEOM MN 0.0283	0.1710	0.0771	0.1492	0.1492	0.1059
COEF VAR 0.4142	1.1355	1.0755	0.6005	0.6005	1.2183
AREA SQ µm	MEAN 0.0487	2.3405	0.5248	0.6367	0.7000
STD DEV 0.0292	3.0656	0.6400	0.4564	0.4564	1.3860
MEAN LOG -3.2453	-0.5376	-1.4235	-0.7262	-0.7262	-1.1514
GEOM MN 0.0390	0.5841	0.2409	0.4837	0.4837	0.3162
COEF VAR 1.0000	4.5991	2.3187	1.1805	1.1805	2.7373
VOLUME CU µm	MEAN 0.0004	0.2644	0.0213	0.0300	0.0565
STD DEV 0.0003	0.3604	0.0300	0.0300	0.0290	0.1615
MEAN LOG -8.2299	-3.7738	-5.4236	-4.0985	-4.0985	-4.8314
GEOM MN 0.0003	0.0230	0.0044	0.0044	0.0166	0.0078
COEF VAR 1.0204	11.1539	5.4983	2.3310	2.3310	6.9142

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.770000 CUBIC METERS  
TOTAL FIBERS COUNTED = 22.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	2.0	0.0	2.0
PERCENT TOTAL FIBERS	9.091%	0.000%	9.091%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	0.0000E+00	1.7493E+04
(FIBERS PER CU METER OF AIR)	6.3151E+03	0.0000E+00	6.3151E+03
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	8.5100E+02	0.0000E+00	8.5100E+02
(SQ µm PER CU METER OF AIR)	3.0751E+02	0.0000E+00	3.0751E+02
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.9289E+01	0.0000E+00	1.9289E+01
(GRAMS PER CU METER OF AIR)	6.9636E+00	0.0000E+00	6.9636E+00
LENGTH µm	0.4500	0.0000	0.4500
MEAN	0.1500	0.0000	0.1500
STD DEV	-0.8574	0.0000	-0.8574
MEAN LOG	0.4243	0.0000	0.4243
GEOM MN	0.4142	0.0000	0.4142
COEF VAR	0.0300	0.0000	0.0300
DIAMETER µm	0.0100	0.0000	0.0100
MEAN	-3.5654	0.0000	-3.5654
STD DEV	0.0283	0.0000	0.0283
MEAN LOG	0.4142	0.0000	0.4142
COEF VAR	0.0487	0.0000	0.0487
AREA SQ µm	0.0292	0.0000	0.0292
MEAN	-3.2453	0.0000	-3.2453
STD DEV	0.0390	0.0000	0.0390
MEAN LOG	1.0000	0.0000	1.0000
COEF VAR	0.0004	0.0000	0.0004
VOLUME CU µm	0.0003	0.0000	0.0003
MEAN	-8.2299	0.0000	-8.2299
STD DEV	0.0003	0.0000	0.0003
MEAN LOG	1.8284	0.0000	1.8284
COEF VAR			

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A52

Bakersfield  
12/21/81  
(NE Corner)

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM  
TOTAL AREA ASHED = 12.600 SQ CM

TOTAL VOLUME OF AIR = 2.813000 CUBIC METERS  
TOTAL FIBERS COUNTED = 6.0 FIBERS

	CHRYSTOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	0.0	3.0	2.0	6.0
PERCENT TOTAL FIBERS	16.667%	0.000%	50.000%	33.333%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	8.7464E+03	0.0000E+00	2.6239E+04	1.7493E+04	5.2478E+04
(FIBERS PER CU. METER OF AIR)	3.1093E+03	0.0000E+00	9.3278E+03	6.2185E+03	1.8656E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	2.3356E+03	0.0000E+00	1.8959E+04	1.6109E+04	0.0000E+00
(SQ µm PER CU. METER OF AIR)	8.3028E+02	0.0000E+00	6.7399E+03	5.7265E+03	0.0000E+00
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.4288E+02	0.0000E+00	0.2000	0.2250	0.0731
(PGRAMS PER CU. METER OF AIR)	5.0794E+01	0.0000E+00	0.0016	0.0250	0.0731
LENGTH µm	0.8000	0.0000	0.9333	1.2000	1.0000
MEAN	0.0000	0.0000	0.3091	0.1000	0.2700
STD DEV	0.0000	0.0000	-0.1305	0.1700	-0.0460
MEAN LOG	-0.2231	0.0000	0.0707	1.1950	0.9542
GEOM MN	0.0000	0.0000	0.4826	0.0071	0.3053
COEF VAR	0.0000	0.0000	0.5740	0.1180	0.5203
DIAMETER µm	0.1000	0.0000	0.2000	0.2250	0.1917
MEAN	0.0000	0.0000	0.0016	0.0250	0.0731
STD DEV	0.0000	0.0000	-1.7053	-1.4979	-1.7357
MEAN LOG	-2.3026	0.0000	0.1817	0.2236	0.1763
GEOM MN	0.1000	0.0000	0.5740	0.1180	0.5203
COEF VAR	0.0000	0.0000	0.7226	0.9209	0.7127
AREA SQ µm	0.2670	0.0000	0.4158	0.0412	0.3669
MEAN	0.0000	0.0000	-0.5900	-0.0034	-0.5469
STD DEV	-1.3204	0.0000	0.5499	0.9200	0.5707
MEAN LOG	0.2670	0.0000	1.2982	0.0450	1.0560
GEOM MN	0.0000	0.0000	0.0398	0.0474	0.0368
COEF VAR	0.0063	0.0000	0.6302	0.0066	0.0250
VOLUME CU µm	0.0000	0.0000	-3.7907	-3.0505	-3.7590
MEAN	-5.0699	0.0000	0.0226	0.0470	0.0233
STD DEV	0.0063	0.0000	2.5667	0.1490	2.0001
MEAN LOG	0.0000	0.0000			
GEOM MN	0.0000	0.0000			
COEF VAR	0.0000	0.0000			

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.50 SQ CM  
TOTAL VOLUME OF AIR = 2.813000 CUBIC METERS  
TOTAL FIBERS COUNTED = 6.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	1.0	0.0	1.0
PERCENT TOTAL FIBERS	16.667%	0.000%	16.667%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	8.7464E+03	0.0000E+00	8.7464E+03
(FIBERS PER CU METER OF AIR)	3.1093E+03	0.0000E+00	3.1093E+03
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	2.3356E+03	0.0000E+00	2.3356E+03
(SQ µm PER CU METER OF AIR)	8.3028E+02	0.0000E+00	8.3028E+02
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.4288E+02	0.0000E+00	1.4288E+02
(PGRAMS PER CU METER OF AIR)	5.0794E+01	0.0000E+00	5.0794E+01
LENGTH µm	MEAN 0.0000	0.0000	0.0000
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -0.2231	0.0000	-0.2231
	GEOM MN 0.0000	0.0000	0.0000
	COEF VAR 0.0000	0.0000	0.0000
DIAMETER µm	MEAN 0.1000	0.0000	0.1000
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -2.3026	0.0000	-2.3026
	GEOM MN 0.1000	0.0000	0.1000
	COEF VAR 0.0000	0.0000	0.0000
AREA SQ µm	MEAN 0.2670	0.0000	0.2670
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -1.3204	0.0000	-1.3204
	GEOM MN 0.2670	0.0000	0.2670
	COEF VAR 0.0000	0.0000	0.0000
VOLUME CU µm	MEAN 0.0063	0.0000	0.0063
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -5.0699	0.0000	-5.0699
	GEOM MN 0.0063	0.0000	0.0063
	COEF VAR 0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A53

Bakersfield  
(10/21/31  
(SE Corner)

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.169000 CUBIC METERS  
TOTAL FIBERS COUNTED = 5.0 FIBERS

	CHRYSO TILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	1.0	2.0	1.0	5.0
PERCENT TOTAL FIBERS	20.000%	20.000%	40.000%	20.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.7464E+03	0.7464E+03	1.7498E+04	0.7464E+03	4.3732E+04
(FIBERS PER CU METER OF AIR)	5.1754E+04	5.1754E+04	1.0351E+05	5.1754E+04	2.5877E+05
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	2.0608E+03	7.0068E+03	3.6992E+04	1.3601E+04	0.0000E+00
(SQ µm PER CU METER OF AIR)	1.2194E+04	4.1460E+04	2.1889E+05	0.0481E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.2502E+02	5.1520E+02			
(GRAMS PER CU METER OF AIR)	7.3978E+02	3.0485E+03			
LENGTH µm	MEAN 0.7000	2.5000	2.1000	1.5000	1.7800
STD DEV	0.0000	0.0000	0.4000	0.0000	0.6765
MEAN LOG	-0.3567	0.9163	0.7235	0.4055	0.4824
GEOM MN	0.7000	2.5000	2.0616	1.5000	1.6200
COEF VAR	0.0000	0.0000	0.2127	0.0000	0.5946
DIAMETER µm	MEAN 0.1000	0.1000	0.2750	0.3000	0.2100
STD DEV	0.0000	0.0000	0.1250	0.0000	0.1200
MEAN LOG	-2.3026	-2.3026	-1.4067	-1.2040	-1.7245
GEOM MN	0.1000	0.1000	0.2449	0.3000	0.1783
COEF VAR	0.0000	0.0000	0.6330	0.0000	0.7676
AREA sq µm	MEAN 0.2356	0.8011	2.1147	1.5551	1.3642
STD DEV	0.0000	0.0000	1.2782	0.0000	1.0974
MEAN LOG	-1.4455	-0.2218	0.5216	0.4415	-0.0365
GEOM MN	0.2356	0.8011	1.6846	1.5551	0.9641
COEF VAR	0.0000	0.0000	1.0140	0.0000	1.4053
VOLUME CU µm	MEAN 0.0055	0.0196	0.1721	0.1060	0.0951
STD DEV	0.0000	0.0000	0.1421	0.0000	0.1149
MEAN LOG	-5.2634	-3.9304	-2.3315	-2.2440	-3.2002
GEOM MN	0.0055	0.0196	0.0971	0.1060	0.0404
COEF VAR	0.0000	0.0000	2.2338	0.0000	3.0333

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.169000 CUBIC METERS  
TOTAL FIBERS COUNTED = 5.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	1.0	0.0	1.0
PERCENT TOTAL FIBERS	20.000%	0.000%	20.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.7464E+03	0.0000E+00	0.7464E+03
(FIBERS PER CU METER OF AIR)	5.1754E+04	0.0000E+00	5.1754E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	2.0600E+03	0.0000E+00	2.0600E+03
(SQ µm PER CU METER OF AIR)	1.2194E+04	0.0000E+00	1.2194E+04
MASS CONCENTRATION (PROGRAMS PER SQ CM OF FILTER)	1.2502E+02	0.0000E+00	1.2502E+02
(PROGRAMS PER CU METER OF AIR)	7.3970E+02	0.0000E+00	7.3970E+02
LENGTH µm	0.7000	0.0000	0.7000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-0.3567	0.0000	-0.3567
GEOM MN	0.7000	0.0000	0.7000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER µm	0.1000	0.0000	0.1000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-2.3026	0.0000	-2.3026
GEOM MN	0.1000	0.0000	0.1000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ µm	0.2356	0.0000	0.2356
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-1.4455	0.0000	-1.4455
GEOM MN	0.2356	0.0000	0.2356
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU µm	0.0055	0.0000	0.0055
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	-5.2034	0.0000	-5.2034
GEOM MN	0.0055	0.0000	0.0055
COEF VAR	0.0000	0.0000	0.0000

## 8.0 SOUTH GATE

SAI SAMPLE ID: A54

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

South Gate

10/22/81

TOTAL AREA SCANNED = 144060.00 SQ.  $\mu$ M  
TOTAL AREA OF FILTER = 12.600 SQ. CM

AREA OF TEM MEMBRANE = 12.60 SQ. CM  
TOTAL VOLUME OF AIR = 0.029000 CUBIC METERS  
TOTAL FIBERS COUNTED = 10.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	1.0	3.0	6.0	10.0
PERCENT TOTAL FIBERS	0.000%	10.000%	30.000%	60.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ. CM OF FILTER)	0.0000E+00	8.7464E+03	2.6239E+04	5.2478E+04	8.7464E+04
(FIBERS PER CU. METER OF AIR)	0.0000E+00	1.05550E+04	3.1651E+04	6.3303E+04	1.05550E+05
TOTAL SURFACE AREA (SQ. $\mu$ M PER SQ. CM OF FILTER)	0.0000E+00	3.9842E+03	2.2119E+04	2.6104E+04	0.0000E+00
(SQ. $\mu$ M PER CU. METER OF AIR)	0.0000E+00	4.8061E+03	2.6682E+04	3.1408E+04	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ. CM OF FILTER)	0.0000E+00	2.8851E+02			
(GRAMS PER CU. METER OF AIR)	0.0000E+00	3.4003E+02			
LENGTH $\mu$ M	MEAN 0.0000	1.4000	1.4667	0.8300	1.0900
STD DEV 0.0000	0.0000	0.0000	0.3771	0.2014	0.4206
MEAN LOG 0.0000	0.0000	0.3365	0.3526	-0.2108	0.0129
GEOM MN 0.0000	1.4000	1.4228	1.4228	0.8099	1.0130
COEF VAR 0.0000	0.0000	0.0000	0.2723	0.3519	0.4674
DIAMETER $\mu$ M	MEAN 0.0000	0.1000	0.1667	0.1667	0.1600
STD DEV 0.0000	0.0000	0.0000	0.0471	0.0471	0.0490
MEAN LOG 0.0000	-2.3026	-1.8405	-1.8405	-1.8405	-1.8405
GEOM MN 0.0000	0.1000	0.1000	0.1507	0.1507	0.1516
COEF VAR 0.0000	0.0000	0.6000	0.3865	0.3065	0.4043
AREA SQ. $\mu$ M	MEAN 0.0000	0.4555	0.8430	0.4974	0.5969
STD DEV 0.0000	0.0000	0.0000	0.3708	0.2310	0.3181
MEAN LOG 0.0000	-0.7863	-0.2066	-0.2066	-0.0060	-0.6402
GEOM MN 0.0000	0.4555	0.4555	0.7508	0.4466	0.5230
COEF VAR 0.0000	0.0000	0.0000	0.6460	0.6018	0.6713
VOLUME CU. $\mu$ M	MEAN 0.0000	0.0110	0.0367	0.0204	0.0243
STD DEV 0.0000	0.0000	0.0000	0.0218	0.0177	0.0177
MEAN LOG 0.0000	-4.5103	-4.5103	-3.5699	-4.1334	-4.0020
GEOM MN 0.0000	0.0110	0.0110	0.0202	0.0103	0.0103
COEF VAR 0.0000	0.0000	0.0000	1.2289	1.1123	1.1983

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.829000 CUBIC METERS  
TOTAL FIBERS COUNTED = 10.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(FIBERS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(SQ µm PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	0.0000	0.0000	0.0000
MEAN	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER µm	0.0000	0.0000	0.0000
MEAN	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ µm	0.0000	0.0000	0.0000
MEAN	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU µm	0.0000	0.0000	0.0000
MEAN	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

SAI SAMPLE ID: A57

South Gate  
10/22/31

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.971000 CUBIC METERS  
TOTAL FIBERS COUNTED = 15.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	2.0	2.0	4.0	7.0	15.0
PERCENT TOTAL FIBERS	13.333%	13.333%	26.667%	46.667%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	1.7493E+04	3.4985E+04	6.1224E+04	1.3120E+05
(FIBERS PER CU. METER OF AIR)	1.8015E+04	1.8015E+04	3.6030E+04	6.3053E+04	1.3511E+05
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.6533E+04	2.4043E+04	4.3717E+03	3.0510E+05	0.6000E+00
(SQ µM PER CU. METER OF AIR)	1.7027E+04	2.4761E+04	4.5022E+03	3.1422E+05	0.6000E+00
MASS CONCENTRATION (CGRAMS PER SQ CM OF FILTER)	1.4853E+03	3.4003E+03	0.6600	0.4214	0.2473
(PCGRAMS PER CU. METER OF AIR)	1.5296E+03	3.5019E+03	0.6375	0.3194	0.2749
LENGTH µm	2.2000	2.2500	0.6375	2.3000	1.8367
MEAN	1.3000	1.7500	0.1900	1.7100	1.5959
STD DEV	0.5737	0.3466	-0.5057	0.5193	0.2302
MEAN LOG	1.7748	1.4142	0.6031	1.6009	1.2509
GEOM MN	0.9720	1.8284	0.4133	1.3806	1.4316
COEF VAR	0.1100	0.1500	0.0600	0.4214	0.2473
MEAN	0.0400	0.0500	0.0212	0.3194	0.2749
STD DEV	-2.2782	-1.9560	-2.0804	-1.1580	-1.0756
MEAN LOG	0.1025	0.1414	0.0557	0.3139	0.1533
GEOM MN	0.4639	0.4142	0.4996	1.1765	1.5785
COEF VAR	0.9451	1.3744	0.1250	4.9004	2.6602
MEAN	0.7395	1.2017	0.0655	6.7143	5.1137
STD DEV	-0.5301	-0.4047	-2.1959	0.6022	-0.4292
MEAN LOG	0.5886	0.6672	0.1113	1.8261	0.6510
GEOM MN	1.0624	2.0612	0.5857	3.8268	4.5452
COEF VAR	0.0327	0.0648	0.0020	0.9290	0.4471
MEAN	0.0292	0.0609	0.0015	1.5909	1.1820
STD DEV	-4.2242	-3.0070	-6.5241	-2.0399	-3.7625
MEAN LOG	0.0146	0.0222	0.0015	0.1300	0.0232
GEOM MN	3.2258	4.6569	1.2153	9.3943	12.7013
COEF VAR					

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A57

TOTAL AREA SCANNED = 144060.00 SQ μm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.971000 CUBIC METERS  
TOTAL FIBERS COUNTED = 15.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	2.0	0.0	2.0
PERCENT TOTAL FIBERS	13.333%	0.000%	13.333%
FIBER CONCENTRATION			
(FIBERS PER SQ CM OF FILTER)	1.7493E+04	0.0000E+00	1.7493E+04
(FIBERS PER CU. METER OF AIR)	1.0015E+04	0.0000E+00	1.0015E+04
TOTAL SURFACE AREA			
(SQ μm PER SQ CM OF FILTER)	1.6533E+04	0.0000E+00	1.6533E+04
(SQ μm PER CU. METER OF AIR)	1.7027E+04	0.0000E+00	1.7027E+04
MASS CONCENTRATION			
(GRAMS PER SQ CM OF FILTER)	1.4853E+03	0.0000E+00	1.4853E+03
(GRAMS PER CU. METER OF AIR)	1.5296E+03	0.0000E+00	1.5296E+03
LENGTH μm			
MEAN	2.2000	0.0000	2.2000
STD DEV	1.3000	0.0000	1.3000
MEAN LOG	0.5737	0.0000	0.5737
GEOM MN	1.7748	0.0000	1.7748
COEF VAR	0.9720	0.0000	0.9720
DIAMETER μm			
MEAN	0.1100	0.0000	0.1100
STD DEV	0.0400	0.0000	0.0400
MEAN LOG	-2.2782	0.0000	-2.2782
GEOM MN	0.1025	0.0000	0.1025
COEF VAR	0.4639	0.0000	0.4639
AREA SQ μm			
MEAN	0.9451	0.0000	0.9451
STD DEV	0.7395	0.0000	0.7395
MEAN LOG	-0.5301	0.0000	-0.5301
GEOM MN	0.5886	0.0000	0.5886
COEF VAR	1.0624	0.0000	1.0624
VOLUME CU μm			
MEAN	0.0327	0.0000	0.0327
STD DEV	0.0292	0.0000	0.0292
MEAN LOG	-4.2242	0.0000	-4.2242
GEOM MN	0.0146	0.0000	0.0146
COEF VAR	3.2258	0.0000	3.2258

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A59

South Gate  
10/22/31

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.909000 CUBIC METERS  
TOTAL FIBERS COUNTED = 30.0 FIBERS

	CHRYCOTILE	AMPHIROLE	AMBIGUOUS	NO PATTERN	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	6.0	9.0	0.0	14.0	30.0
PERCENT TOTAL FIBERS	3.333%	20.000%	30.000%	0.000%	46.667%	100.000%
FIBER CONCENTRATION						
(FIBERS PER SQ CM OF FILTER)	0.7464E+03	5.2470E+04	7.8717E+04	0.0000E+00	1.2245E+05	2.6239E+05
(FIBERS PER CU METER OF AIR)	9.6220E+03	5.7732E+04	8.6598E+04	0.0000E+00	1.3471E+05	2.8066E+05
TOTAL SURFACE AREA						
(SQ µm PER SQ CM OF FILTER)	2.8316E+05	3.0319E+04	2.8265E+04	0.0000E+00	3.8266E+05	0.0000E+00
(SQ µm PER CU METER OF AIR)	3.1150E+05	3.3354E+04	3.1094E+04	0.0000E+00	4.2097E+05	0.0000E+00
MASS CONCENTRATION						
(GRAMS PER SQ CM OF FILTER)	1.5914E+05	4.5408E+03				
(GRAMS PER CU METER OF AIR)	1.7507E+05	4.9954E+03				
LENGTH µm	MEAN	0.9000	0.7222	0.0000	1.8857	1.6433
	STD DEV	0.0000	0.4825	0.0000	1.2833	2.0508
	MEAN LOG	2.3979	-0.5513	0.0000	0.4459	0.0718
	GEOM MN	11.0000	0.7833	0.0000	1.5619	1.0766
	COEF VAR	0.0000	0.6434	0.0000	0.7922	1.3509
DIAMETER µm	MEAN	0.9000	0.1056	0.0000	0.2964	0.2307
	STD DEV	0.0000	0.0675	0.0000	0.3456	0.2045
	MEAN LOG	-0.1054	-2.5003	0.0000	-1.5534	-1.0741
	GEOM MN	0.9000	0.1384	0.0000	0.2115	0.1535
	COEF VAR	0.0000	0.5666	0.0000	1.0492	1.3506
AREA SQ µm	MEAN	32.3741	0.3591	0.0000	3.1250	2.7608
	STD DEV	0.0000	0.4424	0.0000	6.7547	7.3069
	MEAN LOG	3.4774	-1.8335	0.0000	0.1122	-0.5798
	GEOM MN	32.3741	0.3715	0.0000	1.1187	0.5600
	COEF VAR	0.0000	1.4863	0.0000	2.2999	4.1068
VOLUME CUB µm	MEAN	6.9979	0.0153	0.0000	0.7074	0.5738
	STD DEV	0.0000	0.0358	0.0000	2.2566	1.9783
	MEAN LOG	1.9456	-4.4414	0.0000	-2.9026	-3.9160
	GEOM MN	6.9979	0.0118	0.0000	0.0549	0.0199
	COEF VAR	0.0000	2.8628	0.0000	5.4552	10.9068

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.909000 CUBIC METERS  
TOTAL FIBERS COUNTED = 30.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	0.0	1.0	1.0
PERCENT TOTAL FIBERS	0.000%	3.333%	3.333%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.7464E+03	0.7464E+03
(FIBERS PER CU METER OF AIR)	0.0000E+00	9.6220E+03	9.6220E+03
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	0.0000E+00	2.8316E+05	2.8316E+05
(SQ µm PER CU METER OF AIR)	0.0000E+00	3.1150E+05	3.1150E+05
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	0.0000E+00	1.5914E+05	1.5914E+05
(PGRAMS PER CU METER OF AIR)	0.0000E+00	1.7507E+05	1.7507E+05
LENGTH µm	MEAN 0.0000	11.0000	11.0000
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG 2.3979	2.3979	2.3979
	GEOM MN 0.0000	11.0000	11.0000
	COEF VAR 0.0000	0.0000	0.0000
DIAMETER µm	MEAN 0.0000	0.9000	0.9000
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -0.1054	-0.1054	-0.1054
	GEOM MN 0.0000	0.9000	0.9000
	COEF VAR 0.0000	0.0000	0.0000
AREA SQ µm	MEAN 0.0000	32.3741	32.3741
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG 3.4774	3.4774	3.4774
	GEOM MN 0.0000	32.3741	32.3741
	COEF VAR 0.0000	0.0000	0.0000
VOLUME CU µm	MEAN 0.0000	6.9979	6.9979
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG 1.9456	1.9456	1.9456
	GEOM MN 0.0000	6.9979	6.9979
	COEF VAR 0.0000	0.0000	0.0000

SAI SAMPLE ID: A62

South Gate

10/22/81

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 146461.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.914000 CUBIC METERS  
TOTAL FIBERS COUNTED = 32.0 FIBERS

	CHRYBOTILE	AMPHIBOLE	AMALGAMOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	6.0	0.0	15.0	11.0	32.0
PERCENT TOTAL FIBERS	18.750%	0.000%	46.875%	34.375%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	5.1618E+04	0.0000E+00	1.2904E+05	9.4633E+04	2.7530E+05
(FIBERS PER CU METER OF AIR)	5.6475E+04	0.0000E+00	1.4119E+05	1.0354E+05	3.0120E+05
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.3295E+05	0.0000E+00	5.6307E+04	1.4401E+05	0.0000E+00
(SQ µm PER CU METER OF AIR)	1.4546E+05	0.0000E+00	6.1605E+04	1.5756E+05	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	5.6369E+04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
(GRAMS PER CU METER OF AIR)	6.1673E+04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 2.2000 STD DEV 0.7937 MEAN LOG 0.7033 GEOM MN 2.0205 COEF VAR 0.5517	0.0000 0.0000 0.0000 0.0000 0.0000	0.9333 0.4686 -0.2231 0.0001 0.8174	1.7364 0.5851 0.4096 1.6316 0.4423	1.4469 0.7730 0.1956 1.2160 0.8968
DIAMETER µm	MEAN 0.2800 STD DEV 0.3256 MEAN LOG -1.7250 GEOM MN 0.1782 COEF VAR 1.3341	0.0000 0.0000 0.0000 0.0000 0.0000	0.1180 0.0652 -2.3358 0.0967 1.6910	0.2518 0.0603 -1.4159 0.2427 0.3149	0.1944 0.1695 -1.9051 0.1488 1.1567
AREA SQ µm	MEAN 2.5757 STD DEV 3.7906 MEAN LOG 0.1825 GEOM MN 1.2002 COEF VAR 2.0416	0.0000 0.0000 0.0000 0.0000 0.0000	0.4363 0.4254 -1.3438 0.2608 1.9850	1.5218 0.6424 0.2934 1.3409 0.7454	1.2106 1.8933 -0.4949 0.6097 2.4544
VOLUME CU µm	MEAN 0.4200 STD DEV 0.0662 MEAN LOG -2.9881 GEOM MN 0.0504 COEF VAR 5.5983	0.0000 0.0000 0.0000 0.0000 0.0000	0.0180 0.0249 -5.1363 0.0059 4.6814	0.0068 0.0360 -2.5830 0.0755 1.2376	0.1205 0.4050 -3.0561 0.0212 6.0745

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 146461.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 0.914000 CUBIC METERS  
TOTAL FIBERS COUNTED = 32.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	6.0	0.0	6.0
PERCENT TOTAL FIBERS	18.750%	0.000%	18.750%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU METER OF AIR)	5.1618E+04 5.6475E+04	0.0000E+00 0.0000E+00	5.1618E+04 5.6475E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER) (SQ µm PER CU METER OF AIR)	1.3295E+05 1.4546E+05	0.0000E+00 0.0000E+00	1.3295E+05 1.4546E+05
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER) (GRAMS PER CU METER OF AIR)	5.6369E+04 6.1673E+04	0.0000E+00 0.0000E+00	5.6369E+04 6.1673E+04
LENGTH µm	MEAN 2.2000 STD DEV 0.7937 MEAN LOG 0.7033 GEOM MN 2.0205 COEF VAR 0.5517	0.0000 0.0000 0.0000 0.0000 0.0000	2.2000 0.7937 0.7033 2.0205 0.5517
DIAMETER µm	MEAN 0.2800 STD DEV 0.3256 MEAN LOG -1.7250 GEOM MN 0.1782 COEF VAR 1.3341	0.0000 0.0000 0.0000 0.0000 0.0000	0.2800 0.3256 -1.7250 0.1782 1.3341
AREA SQ µm	MEAN 2.5757 STD DEV 3.7906 MEAN LOG 0.1825 GEOM MN 1.2002 COEF VAR 2.0416	0.0000 0.0000 0.0000 0.0000 0.0000	2.5757 3.7906 0.1825 1.2002 2.0416
VOLUME CU µm	MEAN 0.4200 STD DEV 0.0662 MEAN LOG -2.9881 GEOM MN 0.0504 COEF VAR 5.5983	0.0000 0.0000 0.0000 0.0000 0.0000	0.4200 0.0662 -2.9881 0.0504 5.5983

## 9.0 SAN DIEGO

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A201

San Diego

12/17/81

(East Side)

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
TOTAL AREA OF FILTER = 12,600 SQ CM

AREA OF TEN MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.014000 CUBIC METERS  
TOTAL FIBERS COUNTED = 13.6 FIBERS

	CHRYSTOLE	AMPHIOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	1.0	12.0	0.0	13.0
PERCENT TOTAL FIBERS	0.000%	7.692%	92.308%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.0000E+00	0.7464E+03	1.0496E+03	0.0000E+00	1.1370E+03
(FIBERS PER CU METER OF AIR)	0.0000E+00	2.9019E+03	3.4823E+04	0.0000E+00	3.7725E+04
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	0.0000E+00	9.1019E+03	6.9361E+04	0.0000E+00	0.0000E+00
(SQ $\mu$ M PER CU METER OF AIR)	0.0000E+00	3.0199E+03	2.3013E+04	0.0000E+00	0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.0000E+00	1.5456E+03			
(GRAMS PER CU METER OF AIR)	0.0000E+00	5.1281E+02			
LENGTH $\mu$ M	MEAN 0.0000	1.2000	1.1250	0.0000	1.1300
STD DEV 0.0000	0.0000	0.4833	0.4833	0.0000	0.4647
MEAN LOG 0.0000	0.1823	0.6059	0.6059	0.0000	0.6194
GEOM MN 0.0000	1.2000	1.0059	1.0059	0.0000	1.0196
COEF VAR 0.0000	0.0000	0.6502	0.6502	0.0000	0.6218
DIAMETER $\mu$ M	MEAN 0.0000	0.2500	0.1550	0.0000	0.1623
STD DEV 0.0000	0.0000	0.0914	0.0914	0.0000	0.0914
MEAN LOG 0.0000	-1.3863	-2.0181	-2.0181	0.0000	-1.9695
GEOM MN 0.0000	0.2500	0.1329	0.1329	0.0000	0.1395
COEF VAR 0.0000	0.0000	0.7385	0.7385	0.0000	0.7460
AREA SQ $\mu$ M	MEAN 0.0000	1.0407	0.6609	0.0000	0.6901
STD DEV 0.0000	0.0000	0.0000	0.5266	0.0000	0.5160
MEAN LOG 0.0000	0.0398	-0.7975	-0.7975	0.0000	-0.7331
GEOM MN 0.0000	1.0407	0.4505	0.4505	0.0000	0.4804
COEF VAR 0.0000	0.0000	1.6403	1.6403	0.0000	1.6094
VOLUME CUB $\mu$ M	MEAN 0.0000	0.0589	0.0332	0.0000	0.0352
STD DEV 0.0000	0.0000	0.0433	0.0433	0.0000	0.0422
MEAN LOG 0.0000	-2.8318	-4.2719	-4.2719	0.0000	-4.1612
GEOM MN 0.0000	0.0589	0.0140	0.0140	0.0000	0.0156
COEF VAR 0.0000	0.0000	3.4308	3.4308	0.0000	3.3963

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.014000 CUBIC METERS  
TOTAL FIBERS COUNTED = 13.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER) (FIBERS PER CU METER OF AIR)	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER) (SQ µm PER CU METER OF AIR)	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER) (GRAMS PER CU METER OF AIR)	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00	0.0000E+00 0.0000E+00
LENGTH µm	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000
DIAMETER µm	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000
AREA SQ µm	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000
VOLUME CU µm	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A202

San Diego  
12/17/81

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 2.937000 CUBIC METERS  
TOTAL FIBERS COUNTED = 13.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	3.0	7.0	2.0	13.0
PERCENT TOTAL FIBERS	7.692%	23.077%	53.846%	15.385%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.7464E+03	2.6239E+04	6.1224E+04	1.7493E+04	1.1370E+05
(FIBERS PER CU METER OF AIR)	2.9780E+03	8.9340E+03	2.6846E+04	5.9560E+03	3.8714E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	4.2590E+03	0.4493E+03	2.0327E+04	1.2695E+05	0.0000E+00
(SQ µm PER CU METER OF AIR)	1.4501E+03	2.8769E+03	9.6447E+03	4.3223E+04	0.0000E+00
MASS CONCENTRATION (MICROGRAMS PER SQ CM OF FILTER)	2.6791E+02	8.2432E+02			
(MICROGRAMS PER CU METER OF AIR)	9.1217E+01	2.0067E+02			
LENGTH µm	MEAN 1.5000	0.6667	1.6286	3.2000	1.6385
	STD DEV 0.0000	0.2494	0.6649	1.0000	1.1599
	MEAN LOG 0.4055	-0.4757	0.3712	0.9730	0.2710
	GEOM MN 1.5000	0.6214	1.4494	2.6458	1.3112
	COEF VAR 0.0000	0.4548	0.6896	0.8898	0.9619
DIAMETER µm	MEAN 0.1000	0.1333	0.0857	0.5000	0.1615
	STD DEV 0.0000	0.0236	0.0385	0.3000	0.1896
	MEAN LOG -2.3026	-2.0323	-2.6055	-0.9163	-2.1900
	GEOM MN 0.1000	0.1310	0.0739	0.4000	0.1119
	COEF VAR 0.0000	0.2106	0.8486	1.0000	1.2184
AREA SQ µm	MEAN 0.4869	0.3220	0.4627	7.2571	1.4774
	STD DEV 0.0000	0.1491	0.3000	6.3146	3.5022
	MEAN LOG -0.7196	-1.2606	-1.0577	1.2744	-0.7198
	GEOM MN 0.4869	0.2835	0.3472	3.5765	0.4869
	COEF VAR 0.0000	0.6945	1.2798	2.7947	2.3260
VOLUME CU µm	MEAN 0.0118	0.0105	0.0119	1.2706	0.2065
	STD DEV 0.0000	0.0059	0.0110	1.2346	0.6660
	MEAN LOG -4.4413	-4.7018	-5.0813	-1.1012	-4.3507
	GEOM MN 0.0118	0.0084	0.0062	0.3325	0.0129
	COEF VAR 0.0000	1.0637	2.8875	6.5593	5.8429

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ. µm  
TOTAL AREA OF FILTER = 12.600 SQ. CM

AREA OF TEM MEMBRANE = 12.60 SQ. CM  
TOTAL VOLUME OF AIR = 2.937600 CUBIC METERS  
TOTAL FIBERS COUNTED = 13.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	1.0	0.0	1.0
PERCENT TOTAL FIBERS	7.692%	0.000%	7.692%
FIBER CONCENTRATION (FIBERS PER SQ. CM OF FILTER)	8.7464E+03	0.0000E+00	8.7464E+03
(FIBERS PER CU. METER OF AIR)	2.9780E+03	0.0000E+00	2.9780E+03
TOTAL SURFACE AREA (SQ. µm PER SQ. CM OF FILTER)	4.2590E+03	0.0000E+00	4.2590E+03
(SQ. µm PER CU. METER OF AIR)	1.4501E+03	0.0000E+00	1.4501E+03
MASS CONCENTRATION (GRAMS PER SQ. CM OF FILTER)	2.6791E+02	0.0000E+00	2.6791E+02
(GRAMS PER CU. METER OF AIR)	9.1217E+01	0.0000E+00	9.1217E+01
LENGTH µm	1.5000	0.0000	1.5000
STD. DEV.	0.0000	0.0000	0.0000
MEAN LOG	0.4055	0.0000	0.4055
GEOM. MN.	1.5000	0.0000	1.5000
COEF. VAR.	0.0000	0.0000	0.0000
DIAMETER µm	0.1000	0.0000	0.1000
STD. DEV.	0.0000	0.0000	0.0000
MEAN LOG	-2.3026	0.0000	-2.3026
GEOM. MN.	0.1000	0.0000	0.1000
COEF. VAR.	0.0000	0.0000	0.0000
AREA SQ. µm	0.4869	0.0000	0.4869
STD. DEV.	0.0000	0.0000	0.0000
MEAN LOG	-0.7196	0.0000	-0.7196
GEOM. MN.	0.4869	0.0000	0.4869
COEF. VAR.	0.0000	0.0000	0.0000
VOLUME CU. µm	0.0118	0.0000	0.0118
STD. DEV.	0.0000	0.0000	0.0000
MEAN LOG	-4.4413	0.0000	-4.4413
GEOM. MN.	0.0118	0.0000	0.0118
COEF. VAR.	0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A203

San Diego

12/17/81  
(West Side)

TOTAL AREA SCANNED = 144060.00 SQ  $\mu$ M  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.261000 CUBIC METERS  
TOTAL FIBERS COUNTED = 19.0 FIBERS

	CHRYSTOLE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	1.0	1.0	9.0	8.0	19.0
PERCENT TOTAL FIBERS	5.263%	5.263%	47.368%	42.105%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	8.7464E+03	8.7464E+03	7.8717E+04	6.9971E+04	1.6618E+05
(FIBERS PER CU. METER OF AIR)	2.6821E+03	2.6821E+03	2.4139E+04	2.1457E+04	5.0960E+04
TOTAL SURFACE AREA (SQ $\mu$ M PER SQ CM OF FILTER)	1.7860E+03	1.9578E+03	6.8282E+04	7.2163E+04	0.0000E+00
(SQ $\mu$ M PER CU. METER OF AIR)	5.4770E+02	6.0036E+02	2.0939E+04	2.2129E+04	0.0000E+00
MASS CONCENTRATION (CGRAMS PER SQ CM OF FILTER)	1.0716E+02	1.0547E+02			
(CGRAMS PER CU. METER OF AIR)	3.2862E+01	5.6876E+01			
LENGTH $\mu$ M	MEAN 0.6000	0.4000	1.1333	0.9625	0.9947
STD DEV 0.0000	0.0000	0.0000	0.4320	0.2058	0.3776
MEAN LOG -0.5108	-0.9163	0.0554	0.0554	-0.0679	-0.0775
GEOM MN 0.6000	0.4000	1.0570	0.9343	0.9255	0.9255
COEF VAR 0.0000	0.0000	0.4539	0.2982	0.2982	0.4736
DIAMETER $\mu$ M	MEAN 0.1000	0.1500	0.2111	0.2562	0.2211
STD DEV 0.0000	0.0000	0.0000	0.0809	0.2808	0.1995
MEAN LOG -2.3026	-1.8971	-1.6152	-1.7401	-1.7401	-1.7188
GEOM MN 0.1000	0.1500	0.1988	0.1988	0.1755	0.1793
COEF VAR 0.0000	0.0000	0.3899	0.3899	1.1306	0.7599
AREA SQ $\mu$ M	MEAN 0.2042	0.2238	0.8674	1.0313	0.8677
STD DEV 0.0000	0.0000	0.0000	0.5575	1.4179	1.0247
MEAN LOG -1.5886	-1.4968	-0.3180	-0.5451	-0.5451	-0.5425
GEOM MN 0.2042	0.2238	0.7276	0.5798	0.5798	0.5813
COEF VAR 0.0000	0.0000	0.7747	1.6012	1.6012	1.2673
VOLUME CU $\mu$ M	MEAN 0.0047	0.0071	0.0493	0.1171	0.0733
STD DEV 0.0000	0.0000	0.0000	0.0483	0.2535	0.1724
MEAN LOG -5.3576	-4.9521	-3.4166	-3.4166	-3.7097	-3.7567
GEOM MN 0.0047	0.0071	0.0328	0.0226	0.0226	0.0234
COEF VAR 0.0000	0.0000	1.3616	3.9612	3.9612	2.6767

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A203

TOTAL AREA SCANNED = 144060.00 SQ µm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.261000 CUBIC METERS  
TOTAL FIBERS COUNTED = 19.0 FIBERS

<= 5 MICRON      > 5 MICRON      ALL CHRYSOTILE

FIBER COUNT (FIBERS)	1.0	0.0	1.0
PERCENT TOTAL FIBERS	5.263%	0.000%	5.263%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	8.7464E+03	0.0000E+00	8.7464E+03
(FIBERS PER CU METER OF AIR)	2.6821E+03	0.0000E+00	2.6821E+03
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	1.7860E+03	0.0000E+00	1.7860E+03
(SQ µm PER CU METER OF AIR)	5.4770E+02	0.0000E+00	5.4770E+02
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.0716E+02	0.0000E+00	1.0716E+02
(GRAMS PER CU METER OF AIR)	3.2862E+01	0.0000E+00	3.2862E+01
LENGTH µm	MEAN 0.6000	0.0000	0.6000
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -0.5108	0.0000	-0.5108
	GEOM MN 0.6000	0.0000	0.6000
	COEF VAR 0.0000	0.0000	0.0000
DIAMETER µm	MEAN 0.1000	0.0000	0.1000
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -2.3026	0.0000	-2.3026
	GEOM MN 0.1000	0.0000	0.1000
	COEF VAR 0.0000	0.0000	0.0000
AREA SQ µm	MEAN 0.2042	0.0000	0.2042
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -1.5886	0.0000	-1.5886
	GEOM MN 0.2042	0.0000	0.2042
	COEF VAR 0.0000	0.0000	0.0000
VOLUME CUB µm	MEAN 0.0047	0.0000	0.0047
	STD DEV 0.0000	0.0000	0.0000
	MEAN LOG -5.3576	0.0000	-5.3576
	GEOM MN 0.0047	0.0000	0.0047
	COEF VAR 0.0000	0.0000	0.0000

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A204

San Diego

12/17/81  
 (East Side)

TOTAL AREA SCANNED = 144060.00 SQ μm  
 TOTAL AREA OF FILTER = 12.600 SQ CM  
 AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 3.847000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 99.0 FIBERS

	CHRYBOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	2.0	10.0	36.0	51.0	99.0
PERCENT TOTAL FIBERS	2.020%	10.101%	36.364%	51.515%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	8.7464E+04	3.1487E+05	4.4606E+05	8.6589E+05
(FIBERS PER CU. METER OF AIR)	4.5471E+03	2.2736E+04	8.1848E+04	1.1595E+05	2.2508E+05
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	1.4485E+04	7.9959E+04	2.1574E+05	3.1280E+05	0.0000E+00
(SQ μm PER CU. METER OF AIR)	3.6874E+03	2.0785E+04	5.6079E+04	8.1332E+04	0.0000E+00
MASS CONCENTRATION (CGRAMS PER SQ CM OF FILTER)	1.5315E+03	1.3411E+04			
(CGRAMS PER CU. METER OF AIR)	3.9811E+02	3.4860E+03			
LENGTH μm	MEAN 1.4000	1.3900	1.1139	1.1588	1.1707
	STD DEV 0.1000	0.3477	0.4849	0.6502	0.5602
	MEAN LOG 0.3339	0.3000	0.0206	0.0119	0.0507
	GEOM MN 1.3964	1.3498	1.0208	1.0120	1.0520
	COEF VAR 0.0742	0.2696	0.5223	0.6687	0.5884
DIAMETER μm	MEAN 0.1750	0.2000	0.1703	0.1561	0.1661
	STD DEV 0.0250	0.0949	0.0890	0.0835	0.0870
	MEAN LOG -1.7533	-1.7784	-1.9289	-2.0010	-1.9477
	GEOM MN 0.1732	0.1689	0.1453	0.1351	0.1426
	COEF VAR 0.1547	0.9241	0.8195	0.7378	0.7863
AREA SQ μm	MEAN 0.8109	0.9142	0.6852	0.7014	0.7192
	STD DEV 0.0687	0.4862	0.5078	0.7088	0.6174
	MEAN LOG -0.2132	-0.2588	-0.6851	-0.7725	-0.6775
	GEOM MN 0.8080	0.7719	0.5041	0.4618	0.5079
	COEF VAR 0.0887	0.8569	1.3719	1.5227	1.4157
VOLUME CU μm	MEAN 0.0337	0.0511	0.0352	0.0367	0.0375
	STD DEV 0.0072	0.0424	0.0401	0.0574	0.0499
	MEAN LOG -3.4142	-3.4984	-4.0787	-4.2333	-4.0863
	GEOM MN 0.0329	0.0302	0.0169	0.0145	0.0168
	COEF VAR 0.2413	2.3982	3.0836	3.1844	3.0879

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ µM  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 3.847000 CUBIC METERS  
TOTAL FIBERS COUNTED = 99.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	2.0	0.0	2.0
PERCENT TOTAL FIBERS	2.020%	0.0000%	2.020%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.7493E+04	0.0000E+00	1.7493E+04
(FIBERS PER CU METER OF AIR)	4.5471E+03	0.0000E+00	4.5471E+03
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.4185E+04	0.0000E+00	1.4185E+04
(SQ µM PER CU METER OF AIR)	3.6874E+03	0.0000E+00	3.6874E+03
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.5315E+03	0.0000E+00	1.5315E+03
(GRAMS PER CU METER OF AIR)	3.9811E+02	0.0000E+00	3.9811E+02
LENGTH µm	1.4000	0.0000	1.4000
STD DEV	0.1000	0.0000	0.1000
MEAN LOG	0.3339	0.0000	0.3339
GEOM MN	1.3964	0.0000	1.3964
COEF VAR	0.0742	0.0000	0.0742
DIAMETER µm	0.1750	0.0000	0.1750
STD DEV	0.0250	0.0000	0.0250
MEAN LOG	-1.7533	0.0000	-1.7533
GEOM MN	0.1732	0.0000	0.1732
COEF VAR	0.1547	0.0000	0.1547
AREA SQ µm	0.8109	0.0000	0.8109
STD DEV	0.0687	0.0000	0.0687
MEAN LOG	-0.2132	0.0000	-0.2132
GEOM MN	0.8080	0.0000	0.8080
COEF VAR	0.0087	0.0000	0.0087
VOLUME CU µm	0.0337	0.0000	0.0337
STD DEV	0.0072	0.0000	0.0072
MEAN LOG	-3.4142	0.0000	-3.4142
GEOM MN	0.0329	0.0000	0.0329
COEF VAR	0.2413	0.0000	0.2413

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A205

San Diego  
 12/17/81  
 (West Side)

TOTAL AREA SCANNED = 144060.00 SQ µM  
 TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
 TOTAL VOLUME OF AIR = 1.061000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 20.0 FIBERS

	CHRYBOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	2.0	12.0	6.0	20.0
PERCENT TOTAL FIBERS	0.000%	10.000%	60.000%	30.000%	100.000%
FIBER CONCENTRATION					
(FIBERS PER SQ CM OF FILTER)	0.00000E+00	1.7493E+04	1.0406E+05	5.2478E+04	1.7493E+05
(FIBERS PER CU' METER OF AIR)	0.00000E+00	1.6487E+04	9.8922E+04	4.9461E+04	1.6487E+05
TOTAL SURFACE AREA					
(SQ µM PER SQ CM OF FILTER)	0.00000E+00	9.4797E+03	1.8599E+05	4.8910E+04	0.00000E+00
(SQ µM PER CU' METER OF AIR)	0.00000E+00	8.9347E+03	1.7530E+05	4.6098E+04	0.00000E+00
MASS CONCENTRATION					
(µGRAMS PER SQ CM OF FILTER)	0.00000E+00	1.0716E+03			
(µGRAMS PER CU' METER OF AIR)	0.00000E+00	1.0100E+03			
LENGTH µm					
MEAN	0.0000	1.1000	1.4167	1.2333	1.3300
STD DEV	0.0000	0.1000	0.8285	0.5249	0.7128
MEAN LOG	0.0000	0.0912	0.2455	0.1138	0.1906
GEOM MN	0.0000	1.0954	1.2782	1.1206	1.2099
COEF VAR	0.0000	0.0954	0.4924	0.5703	0.4968
DIAMETER µm					
MEAN	0.0000	0.1500	0.2292	0.2000	0.2125
STD DEV	0.0000	0.0500	0.2393	0.1000	0.1935
MEAN LOG	0.0000	-1.9560	-1.7881	-1.7250	-1.7060
GEOM MN	0.0000	0.1414	0.1673	0.1782	0.1676
COEF VAR	0.0000	0.4142	1.1010	0.6101	0.9042
AREA SQ µm					
MEAN	0.0000	0.5419	1.7721	0.9320	1.3970
STD DEV	0.0000	0.1492	3.7411	0.6738	2.9594
MEAN LOG	0.0000	-0.6521	-0.3267	-0.3849	-0.3767
GEOM MN	0.0000	0.5210	0.7213	0.6805	0.6861
COEF VAR	0.0000	0.3266	1.9396	1.3346	1.6236
VOLUME CU µm					
MEAN	0.0000	0.0204	0.2871	0.0564	0.1912
STD DEV	0.0000	0.0110	0.8698	0.0628	0.6780
MEAN LOG	0.0000	-4.0624	-3.5723	-3.5776	-3.6229
GEOM MN	0.0000	0.0172	0.0281	0.0279	0.0267
COEF VAR	0.0000	0.8257	4.9457	2.6432	3.8081

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

TOTAL AREA SCANNED = 144060.00 SQ μm  
TOTAL AREA OF FILTER = 12.600 SQ CM

AREA OF TEM MEMBRANE = 12.60 SQ CM  
TOTAL VOLUME OF AIR = 1.061000 CUBIC METERS  
TOTAL FIBERS COUNTED = 20.0 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)	0.0	0.0	0.0
PERCENT TOTAL FIBERS	0.000%	0.000%	0.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.00000E+00	0.00000E+00	0.00000E+00
(FIBERS PER CU METER OF AIR)	0.00000E+00	0.00000E+00	0.00000E+00
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	0.00000E+00	0.00000E+00	0.00000E+00
(SQ μm PER CU METER OF AIR)	0.00000E+00	0.00000E+00	0.00000E+00
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	0.00000E+00	0.00000E+00	0.00000E+00
(GRAMS PER CU METER OF AIR)	0.00000E+00	0.00000E+00	0.00000E+00
LENGTH μm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
DIAMETER μm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
AREA SQ μm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000
VOLUME CU μm	0.0000	0.0000	0.0000
STD DEV	0.0000	0.0000	0.0000
MEAN LOG	0.0000	0.0000	0.0000
GEOM MN	0.0000	0.0000	0.0000
COEF VAR	0.0000	0.0000	0.0000

10.0 STOCKTON (Manville Pipe Plant)

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: A7TEM

Manville  
(upwind)

TOTAL AREA SCANNED = 125000.00 SQ.  $\mu$ M  
TOTAL AREA OF FILTER = 11.900 SQ CM

AREA OF TEN MEMBRANE = 11.90 SQ CM  
TOTAL VOLUME OF AIR = 3.016000 CUBIC METERS  
TOTAL FIBERS COUNTED = 13.0 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	0.0	1.0	3.0	9.0	13.0
PERCENT TOTAL FIBERS	0.000%	7.692%	23.077%	69.231%	100.000%
FIBER CONCENTRATION					
(FIBERS PER SQ CM OF FILTER)	0.0000E+00	9.5200E+03	2.8560E+04	0.5600E+04	1.2376E+0
(FIBERS PER CU METER OF AIR)	0.0000E+00	2.4940E+03	7.4043E+03	2.2453E+04	3.2432E+0
TOTAL SURFACE AREA					
(SQ $\mu$ M PER SQ CM OF FILTER)	0.0000E+00	6.6171E+03	9.0601E+03	4.7255E+04	0.0000E+0
(SQ $\mu$ M PER CU METER OF AIR)	0.0000E+00	1.7341E+03	2.3763E+03	1.2303E+04	0.0000E+0
MASS CONCENTRATION					
(GRAMS PER SQ CM OF FILTER)	0.0000E+00	7.0355E+02			
(GRAMS PER CU METER OF AIR)	0.0000E+00	1.0516E+02			
LENGTH $\mu$ M					
MEAN	0.0000	1.4000	0.6033	1.4556	1.2731
STD DEV	0.0000	0.0000	0.1312	1.1303	1.0020
MEAN LOG	0.0000	0.3365	-0.4013	0.1005	0.0020
GEOM MN	0.0000	1.4000	0.6694	1.1057	1.0020
COEF VAR	0.0000	0.0000	0.2312	1.0740	0.9290
DIAMETER $\mu$ M					
MEAN	0.0000	0.1500	0.1267	0.1111	0.1177
STD DEV	0.0000	0.0000	0.0525	0.0314	0.0301
MEAN LOG	0.0000	-1.0971	-2.1459	-2.2444	-2.1950
GEOM MN	0.0000	0.1500	0.1170	0.1060	0.1114
COEF VAR	0.0000	0.0000	0.4772	0.3023	0.4073
AREA SQ $\mu$ M					
MEAN	0.0000	0.6951	0.3175	0.5515	0.5086
STD DEV	0.0000	0.0000	0.1016	0.1449	0.3963
MEAN LOG	0.0000	-0.3637	-1.3161	-0.9406	-0.9029
GEOM MN	0.0000	0.6951	0.2602	0.3904	0.3742
COEF VAR	0.0000	0.0000	0.7940	1.3653	1.2371
VOLUME CU $\mu$ M					
MEAN	0.0000	0.0247	0.0112	0.0162	0.0157
STD DEV	0.0000	0.0000	0.0100	0.0152	0.0139
MEAN LOG	0.0000	-3.6993	-4.9347	-4.6300	-4.6207
GEOM MN	0.0000	0.0247	0.0072	0.0090	0.0090
COEF VAR	0.0000	0.0000	1.5072	2.0391	1.9250

FIBER AND MASS CONCENTRATION  
CUMULATIVE SUMMARY

SAI SAMPLE ID: ART8M

Manville  
(downwind)

TOTAL AREA SCANNED = 96675.00 SQ μm  
TOTAL AREA OF FILTER = 11.900 SQ CM

AREA OF TEN MEMBRANE = 11.90 SQ CM  
TOTAL VOLUME OF AIR = 3.330000 CUBIC METERS  
TOTAL FIBERS COUNTED = 16.0 FIBERS

	CHRYSOTILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	5.0	1.0	9.0	1.0	16.0
PERCENT TOTAL FIBERS	31.250%	6.250%	56.250%	6.250%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	6.1419E+04	1.2204E+04	1.1055E+05	1.2204E+04	1.9654E+4
(FIBERS PER CU. METER OF AIR)	1.0444E+04	3.6089E+03	3.3200E+04	3.6089E+03	5.9022E+3
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	7.9111E+03	8.0269E+02	6.0622E+04	1.1751E+03	0.0000E+4
(SQ μm PER CU. METER OF AIR)	2.3757E+03	2.4105E+02	3.0697E+04	3.5200E+02	0.0000E+4
MASS CONCENTRATION (COHANS PER SQ CM OF FILTER)	3.3324E+02	2.3155E+01	0.0000	0.0000	0.0000E+4
(COHANS PER CU. METER OF AIR)	1.0007E+02	6.9533E+00	0.0000	0.0000	0.0000E+4
LENGTH μm	MEAN 0.7100 STD DEV 0.3070 NEAN LOG -0.4954 GEOM MN 0.6093 COEF VAR 0.7604	MEAN 0.5000 STD DEV 0.0000 NEAN LOG -0.6931 GEOM MN 0.5000 COEF VAR 0.0000	MEAN 1.2444 STD DEV 2.0380 NEAN LOG -0.3083 GEOM MN 0.6816 COEF VAR 1.3503	MEAN 0.4000 STD DEV 0.4000 NEAN LOG -0.9163 GEOM MN 0.4000 COEF VAR 0.0000	MEAN 0.9701 STD DEV 1.5751 NEAN LOG -0.4710 GEOM MN 0.6244 COEF VAR 1.0766
DIAMETER μm	MEAN 0.0520 STD DEV 0.0264 NEAN LOG -3.0850 GEOM MN 0.0457 COEF VAR 0.6749	MEAN 0.0400 STD DEV 0.0000 NEAN LOG -3.2109 GEOM MN 0.0400 COEF VAR 0.0000	MEAN 0.0867 STD DEV 0.0639 NEAN LOG -2.7013 GEOM MN 0.0671 COEF VAR 1.0295	MEAN 0.0700 STD DEV 0.0000 NEAN LOG -2.6593 GEOM MN 0.0700 COEF VAR 0.0000	MEAN 0.0719 STD DEV 0.0532 NEAN LOG -2.8509 GEOM MN 0.0570 COEF VAR 0.8903
AREA SQ μm	MEAN 0.1200 STD DEV 0.0974 NEAN LOG -2.3904 GEOM MN 0.0916 COEF VAR 1.3465	MEAN 0.0653 STD DEV 0.0000 NEAN LOG -2.7201 GEOM MN 0.0653 COEF VAR 0.0000	MEAN 0.6207 STD DEV 1.3629 NEAN LOG -1.8811 GEOM MN 0.1524 COEF VAR 3.1426	MEAN 0.0957 STD DEV 0.0000 NEAN LOG -2.3469 GEOM MN 0.0957 COEF VAR 0.0000	MEAN 0.4995 STD DEV 1.0540 NEAN LOG -2.1223 GEOM MN 0.1193 COEF VAR 2.3270
VOLUME CU μm	MEAN 0.0021 STD DEV 0.0023 NEAN LOG -6.9069 GEOM MN 0.0010 COEF VAR 2.6587	MEAN 0.0006 STD DEV 0.0000 NEAN LOG -7.3725 GEOM MN 0.0006 COEF VAR 0.0000	MEAN 0.0277 STD DEV 0.0602 NEAN LOG -6.0274 GEOM MN 0.0024 COEF VAR 6.9467	MEAN 0.0015 STD DEV 0.0000 NEAN LOG -6.4764 GEOM MN 0.0015 COEF VAR 0.0000	MEAN 0.0164 STD DEV 0.0527 NEAN LOG -6.4144 GEOM MN 0.0016 COEF VAR 4.9161

Manville  
(downwind)

TOTAL AREA SCANNED = 96875.00 SQ µm  
TOTAL AREA OF FILTER = 11.900 SQ CM

AREA OF TEN MEMBRANE = 11.90 SQ CM  
TOTAL VOLUME OF AIR = 3.330000 CUBIC METERS  
TOTAL FIBERS COUNTED = 16.0 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	5.0	0.0	5.0
PERCENT TOTAL FIBERS	31.250%	0.000%	31.250%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	6.1419E+04	0.0000E+00	6.1419E+04
(FIBERS PER CU. METER OF AIR)	1.8444E+04	0.0000E+00	1.8444E+04
TOTAL SURFACE AREA (SQ µm PER SQ CM OF FILTER)	7.9111E+03	0.0000E+00	7.9111E+03
(SQ µm PER CU. METER OF AIR)	2.3757E+03	0.0000E+00	2.3757E+03
MASS CONCENTRATION (PGBARS PER SQ CM OF FILTER)	3.3324E+02	0.0000E+00	3.3324E+02
(PGBARS PER CU. METER OF AIR)	1.0007E+02	0.0000E+00	1.0007E+02
LENGTH µm	MEAN 0.7100 STD DEV 0.3078 NEAR LOC -0.4954 COEF NN 0.6093 COEF VAR 0.7604	0.0000 0.0000 0.0000 0.0000 0.0000	0.7100 0.3078 -0.4954 0.6093 0.7604
DIAMETER µm	MEAN 0.0520 STD DEV 0.0264 NEAR LOC -3.0050 COEF NN 0.0457 COEF VAR 0.6749	0.0000 0.0000 0.0000 0.0000 0.0000	0.0520 0.0264 -3.0050 0.0457 0.6749
AREA (SQ µm)	MEAN 0.1200 STD DEV 0.0974 NEAR LOC -2.3994 COEF NN 0.0916 COEF VAR 1.3465	0.0000 0.0000 0.0000 0.0000 0.0000	0.1200 0.0974 -2.3994 0.0916 1.3465
VOLUME CU µm	MEAN 0.0021 STD DEV 0.0023 NEAR LOC -6.9069 COEF NN 0.0010 COEF VAR 2.6507	0.0000 0.0000 0.0000 0.0000 0.0000	0.0021 0.0023 -6.9069 0.0010 2.6507

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

TOTAL AREA SCANNED = 93744.00 SQ μm  
 TOTAL AREA OF FILTER = 11.900 SQ CM

AREA OF TEN MEMBRANE = 11.90 SQ CM  
 TOTAL VOLUME OF AIR = 1.497000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 70.5 FIBERS

Manville  
 D-2 Baghouse  
 7/23 @ 2:00 -  
 3:30

	CHRYSOPILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBRE
FIBER COUNT (FIBERS)	67.5	3.0	0.0	0.0	70.5
PERCENT TOTAL FIBERS	95.745%	4.255%	0.000%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	0.5605E+05	3.0002E+04	0.0000E+00	0.0000E+00	0.9494
(FIBERS PER CU METER OF AIR)	5.7230E+05	2.5439E+04	0.0000E+00	0.0000E+00	5.9702
TOTAL SURFACE AREA (SQ μm PER SQ CM OF FILTER)	1.2230E+06	7.5772E+04	0.0000E+00	0.0000E+00	0.0000
(SQ μm PER CU METER OF AIR)	0.1750E+05	5.0616E+04	0.0000E+00	0.0000E+00	0.0000
MASS CONCENTRATION (GRAMS PER SQ CM OF FILTER)	1.6004E+05	1.7026E+04	0.0000E+00	0.0000E+00	0.0000
(GRAMS PER CU METER OF AIR)	1.2027E+05	1.1900E+04	0.0000E+00	0.0000E+00	0.0000
LENGTH μm	MEAN 2.0715 STD DEV 3.7522 NEAN LOG 0.5507 GEOM NN 1.7405 COEF VAR 1.6075	1.9667 0.0179 0.5002 1.7063 0.5693	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	2.0353 3.6043 0.5596 1.7500 1.5686
DIAMETER μm	MEAN 0.1503 STD DEV 0.0983 NEAN LOG -2.0423 GEOM NN 0.1297 COEF VAR 0.9213	0.2667 0.0943 -1.3704 0.2520 0.3065	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.1627 0.1004 -2.0150 0.1332 0.9274
AREA SQ μm	MEAN 1.6741 STD DEV 2.1945 NEAN LOG -0.2900 GEOM NN 0.7477 COEF VAR 3.0012	1.9097 1.4550 0.4169 1.5172 1.0775	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	1.6067 2.1707 -0.2625 0.7691 2.9489
VOLUME CU μm	MEAN 0.0972 STD DEV 0.1706 NEAN LOG -3.7675 GEOM NN 0.0231 COEF VAR 6.0932	0.1560 0.1567 -2.4102 0.0091 1.0669	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0996 0.1781 -3.7135 0.0244 6.0223

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

SAI SAMPLE ID: A9TEM

Manville  
D-2 Baghouse  
7/23 @ 2:00 -  
3:30

TOTAL AREA SCANNED = 93744.00 SQ µM  
TOTAL AREA OF FILTER = 11.900 SQ CM  
AREA OF TEN MEMBRANE = 11.90 SQ CM  
TOTAL VOLUME OF AIR = 1.497000 CUBIC METERS  
TOTAL FIBERS COUNTED = 70.5 FIBERS

	<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
FIBER COUNT (FIBERS)	61.5	6.0	67.5
PERCENT TOTAL FIBERS	87.234%	8.511%	95.745%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	7.8069E+05	7.6165E+04	0.5685E+06
(FIBERS PER CU METER OF AIR)	5.2150E+05	5.0070E+04	5.7230E+05
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	0.1259E+05	4.1121E+05	1.2290E+06
(SQ µM PER CU METER OF AIR)	5.4281E+05	2.7469E+05	0.1750E+05
MASS CONCENTRATION (PGRAMS PER SQ CM OF FILTER)	1.2001E+05	5.9226E+04	1.8004E+05
(PGRAMS PER CU METER OF AIR)	0.0702E+04	3.9563E+04	1.2027E+05
LENGTH µM	MEAN 1.7484 STD DEV 1.1409 MEAN LOG 0.3149 GEOM MN 1.3702 COEF VAR 1.0958	10.7333 5.7341 2.2653 9.6339 0.5413	2.0715 3.7522 0.5507 1.7485 1.6075
DIAMETER µM	MEAN 0.1525 STD DEV 0.0953 MEAN LOG -2.0708 GEOM MN 0.1251 COEF VAR 0.9164	0.1989 0.1088 -1.7069 0.1675 0.0453	0.1583 0.0983 -2.0423 0.1297 0.9213
AREA SQ µM	MEAN 1.0669 STD DEV 1.1922 MEAN LOG -0.5659 GEOM MN 0.5679 COEF VAR 2.4620	5.9241 2.0170 1.6349 5.1388 0.0037	1.6741 2.1945 -0.2908 0.7477 3.0012
VOLUME CU µM	MEAN 0.0612 STD DEV 0.1034 MEAN LOG -4.0042 GEOM MN 0.0168 COEF VAR 5.3300	0.3494 0.3280 -1.5500 0.2122 2.0593	0.0972 0.1706 -3.7675 0.0231 6.0932

FIBER AND MASS CONCENTRATION  
 CUMULATIVE SUMMARY

SAI SAMPLE ID: A10TEM

Manville  
 D-2 Baghouse  
 7/23 @ 3:47 -  
 6:33

TOTAL AREA SCANNED = 96875.00 SQ µM  
 TOTAL AREA OF FILTER = 11.900 SQ CM

AREA OF TEN MEMBRANE = 11.90 SQ CM  
 TOTAL VOLUME OF AIR = 2.573000 CUBIC METERS  
 TOTAL FIBERS COUNTED = 106.5 FIBERS

	CHRYSOITILE	AMPHIBOLE	AMBIGUOUS	NON-ASBESTOS	ALL FIBERS
FIBER COUNT (FIBERS)	92.0	10.5	4.0	0.0	106.5
PERCENT TOTAL FIBERS	86.385%	9.859%	3.756%	0.000%	100.000%
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)	1.1301E+06	1.2898E+05	4.9135E+04	0.0000E+00	1.3002E+06
(FIBERS PER CU METER OF AIR)	4.3922E+05	5.0129E+04	1.9097E+04	0.0000E+00	5.0045E+05
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)	1.7377E+06	1.0024E+05	1.4169E+04	0.0000E+00	0.0000E+00
(SQ µM PER CU METER OF AIR)	6.7534E+05	3.0950E+04	5.5067E+03	0.0000E+00	0.0000E+00
MASS CONCENTRATION (PCHANS PER SQ CM OF FILTER)	5.0228E+05	0.8639E+03	0.8639E+03	0.0000E+00	0.0000E+00
(PCHANS PER CU METER OF AIR)	1.9521E+05	3.4449E+03	3.4449E+03	0.0000E+00	0.0000E+00
LENGTH µm	MEAN 2.2621 STD DEV 3.6193 MEAN LOG 0.3188 GEOM MN 1.3755 COEF VAR 1.4301	2.5182 3.2170 0.3873 1.4731 1.6174	1.7000 0.5305 0.4616 1.5866 0.4943	0.0000 0.0000 0.0000 0.0000 0.0000	2.2673 3.5101 0.3309 1.3922 1.4191
DIAMETER µm	MEAN 0.1340 STD DEV 0.1215 MEAN LOG -2.2400 GEOM MN 0.1056 COEF VAR 0.9534	0.1182 0.0321 -2.1659 0.1147 0.2640	0.0525 0.0286 -3.0779 0.0461 0.6385	0.0000 0.0000 0.0000 0.0000 0.0000	0.1295 0.1146 -2.2699 0.1033 0.9218
AREA SQ µm	MEAN 1.0298 STD DEV 6.7355 MEAN LOG -0.7370 GEOM MN 0.4786 COEF VAR 2.9580	0.9132 1.0528 -0.5770 0.5611 1.5507	0.2804 0.2072 -1.4539 0.2337 0.8193	0.0000 0.0000 0.0000 0.0000 0.0000	1.6821 6.2803 -0.7471 0.4737 2.7640
VOLUME CU µm	MEAN 0.2117 STD DEV 1.1011 MEAN LOG -4.4187 GEOM MN 0.0120 COEF VAR 6.2770	0.0262 6.0295 -4.1059 0.0152 1.7908	0.0050 0.0062 -5.9357 0.0026 1.0076	0.0000 0.0000 0.0000 0.0000 0.0000	0.1056 1.0996 -4.4506 0.0117 5.7284

FIBER AND MASS CONCENTRATION  
ASBESTOS DETAIL

Manville  
D-2 Baghouse  
7/23 @ 3:47 -  
6:33

TOTAL AREA SCANNED = 96875.00 SQ µM  
TOTAL AREA OF FILTER = 11,900 SQ CM

AREA OF TEN MEMBRANE = 11.90 SQ CM  
TOTAL VOLUME OF AIR = 2.573000 CUBIC METERS  
TOTAL FIBERS COUNTED = 106.5 FIBERS

<= 5 MICRON > 5 MICRON ALL CHRYSOTILE

FIBER COUNT (FIBERS)		<= 5 MICRON	> 5 MICRON	ALL CHRYSOTILE
PERCENT TOTAL FIBERS		88.0	4.0	92.0
FIBER CONCENTRATION (FIBERS PER SQ CM OF FILTER)		02.629%	3.756%	06.305%
FIBERS PER CU METER OF AIR		1.6810E+06	4.9135E+04	1.1301E+06
TOTAL SURFACE AREA (SQ µM PER SQ CM OF FILTER)		4.2012E+05	1.9097E+04	4.3922E+05
TOTAL SURFACE AREA (SQ µM PER CU METER OF AIR)		7.6395E+05	9.7370E+05	1.7377E+06
MASS CONCENTRATION (MICRAMS PER SQ CM OF FILTER)		2.9691E+05	3.7043E+05	6.7534E+05
MASS CONCENTRATION (MICRAMS PER CU METER OF AIR)		0.5506E+04	4.1677E+05	5.0220E+05
LENGTH µM		3.3232E+04	1.6190E+05	1.9521E+05
MEAN		1.5633	14.0400	2.2621
STD DEV		1.1476	7.6277	3.6193
MEAN LOG		0.1921	2.5992	0.3100
COEF VAR		1.2118	13.4529	1.3755
DIAMETER µM		1.0539	0.5044	1.4301
MEAN		0.1176	0.4300	0.1349
STD DEV		0.0669	0.3280	0.1215
MEAN LOG		-2.3103	-1.1254	-2.2400
COEF VAR		0.0992	0.3245	0.1056
AREA SQ µM		0.8361	1.0075	0.9534
MEAN		0.7052	22.0736	1.8298
STD DEV		0.8210	20.4266	6.7355
MEAN LOG		-0.9243	2.6350	-0.7370
COEF VAR		0.3968	13.9436	0.4706
VOLUME CU µM		2.1005	1.5960	2.9500
MEAN		0.0301	3.4793	0.2117
STD DEV		0.0558	3.0957	1.1011
MEAN LOG		-4.6701	0.1069	-4.4107
COEF VAR		0.6094	1.1128	0.0120
		4.3401	4.1045	6.2770